

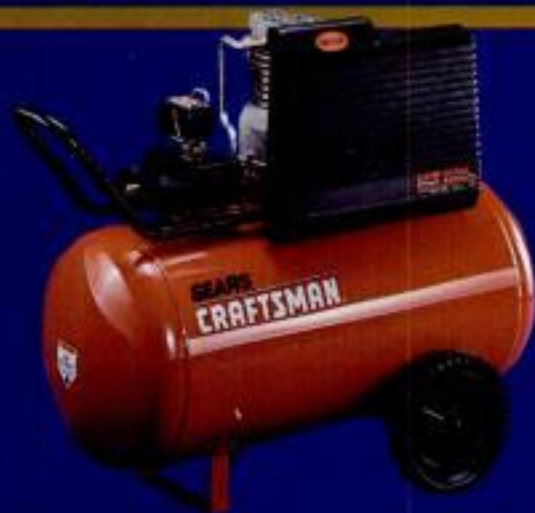
**AMERICAN
WOODWORKER®**

Tool Buyer's Guide

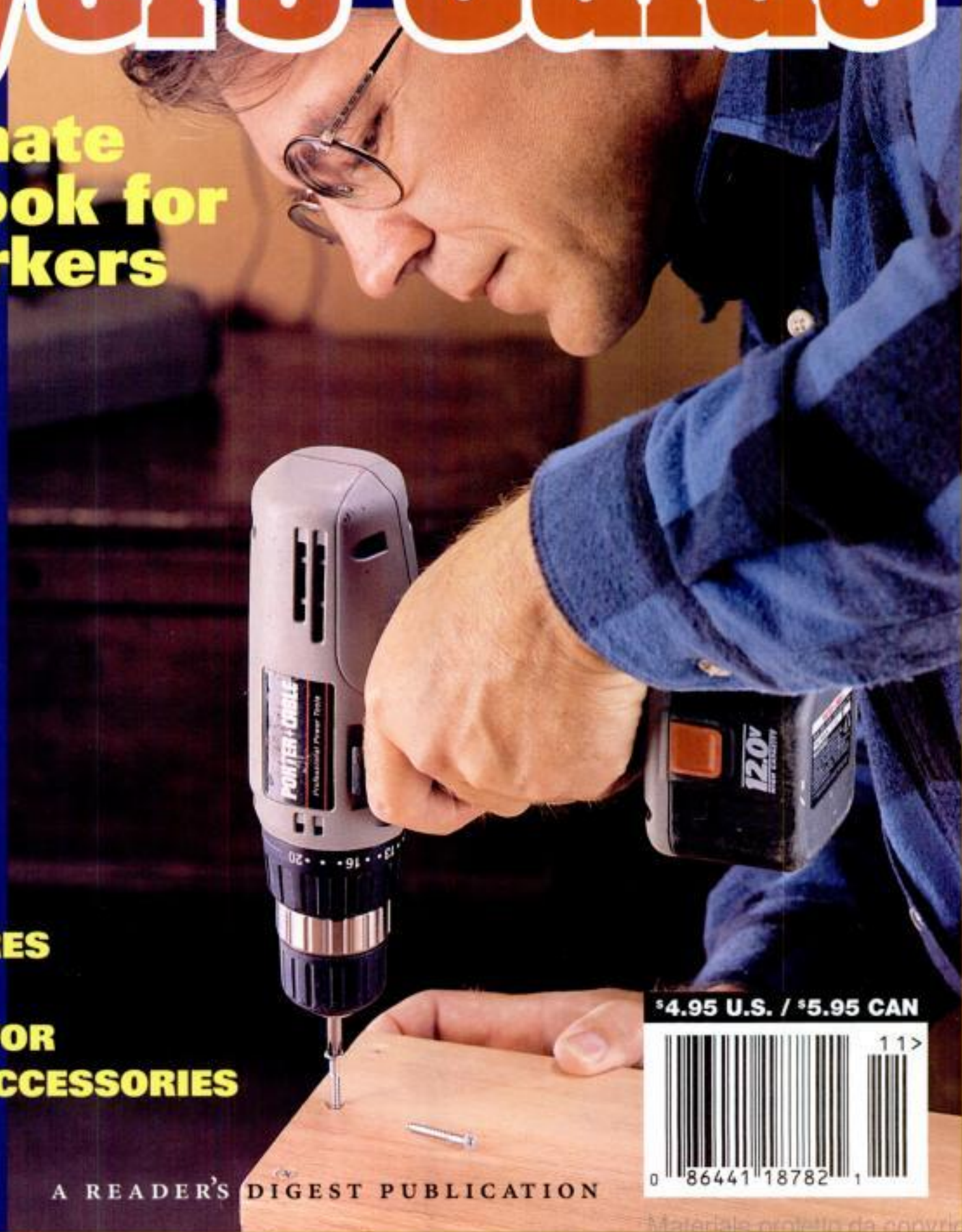
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G1028

G8027



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Back Issues & Articles: Some back issues are available for \$4.50 each. Photocopies of past articles are available for \$3 each. For either, write or call: American Woodworker Reprint Center, Box 83695, Stillwater, MN 55083-0695; (715) 247-5060, 8 AM to 5 PM CST, Mon. through Fri.

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AMERICAN WOODWORKER.

EDITOR Ken Collier

ASSOCIATE EDITORS Tom Caspar, Tim Johnson,
Dave Munkittrick

BUYER'S GUIDE EDITOR Bruce Wiebe

CONTRIBUTING EDITORS Michael Dresdner,
George Vondriska

BUYER'S GUIDE ART DIRECTOR Barbara Pederson

ART DIRECTORS David Farr, Melanie Haubrich,
Joel Spies

COPY EDITOR Mary Flanagan

BUYER'S GUIDE PRODUCTION TEAM Jean M. Cook,
Kirsten Ford, Amy Orchard, Ann Swift

PRODUCTION TEAM Deborah Palmen, Judy Rodriguez,
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READER SERVICE SPECIALIST Roxie Filipkowski

ADMINISTRATIVE ASSISTANTS Lori Callister,
Shelly Jacobsen

HOME SERVICE PUBLICATIONS

EDITOR-IN-CHIEF Gary Havens

OFFICE ADMINISTRATIVE MANAGER Alice Wagner

PUBLISHER Michael P. Reilly

NATIONAL SALES MANAGER Brenden Delaney

MARKETING DIRECTOR Robert Calandrucchio

SHOW MANAGER Jonathan Frank (215-862-9081)

BUSINESS MANAGER Aseem Chhabra

ASSOCIATE PROMOTION DIRECTOR Rose-Anne Tifre

PROMOTION COORDINATOR Andrea Vecchio

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CLASSIFIED ADVERTISING The McNeill Group, Inc.
Janet Dunscomb, (215) 321-9662 ext. 12

PUBLISHED BY HOME SERVICE PUBLICATIONS, INC.,
a subsidiary of the Reader's Digest Association, Inc.

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Published by Home Service Publications, Inc.,
an affiliate of the Reader's Digest Association, Inc.

American Woodworker® (ISSN 1074-9152) is published seven times a year in February, April, June, August, October, November and December by RD Publications, Inc., 260 Madison Ave. New York, NY 10016. Periodicals postage paid at New York, NY and additional mailing offices. Postmaster: Send change of address notice to American Woodworker®, P.O. Box 2134, Harlan, IA 51593-0323. Subscription rates: U.S. one-year, \$23.88; two-year, \$43. Single-copy, \$4.95. Canada one-year, \$31.88; two-year, \$58 (Canadian funds). GST #R122988611. Foreign surface one-year, \$35; two-year, \$65 (U.S. funds). Foreign air one-year, \$42; two-year, \$80 (U.S. funds). U.S. newsstand distribution by Hearst Distribution Group, New York, NY 10019. In Canada: Postage paid at Gateway, Mississauga, Ontario; Canada Post International Publication Mail (Canadian Distribution) Sales Agreement #1447866. Send returns and address changes to American Woodworker®, P.O. Box 2134, Harlan, IA, USA 51593-0323; GST #R122988611. Printed in USA. © 1999 Home Service Publications, Inc. All rights reserved.



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(888) 463-3786 | Metabo
(800) 638-2264 | Robert Sorby
Farris Machinery
(800) 872-5489 | Williams & Hussey Machine
(800) 258-1380 |
| Bosch
S-B Power Tool
(877) 267-2499 | Freud USA
(800) 334-4107 | Milwaukee Tool
(800) 638-9582 | Robland
Laguna Tools
(800) 332-4094 | Woodfast
Craft Supplies USA
(800) 551-8876 |
| Bridgewood
Wilke Machinery
(800) 235-2100 | General Manufacturing and General International
(819) 472-1161 | Mini Max
SCM Group USA
(800) 292-1850 | Ryobi Power Tools
(800) 323-4615 | Woodmaster Tools/Timberking
(800) 821-6651 |
| Campbell Hausfeld
(800) 543-6400 | Grizzly Industrial
(800) 523-4777 | Murphy-Rodgers
(323) 587-4118 | Seco Machinery Tool
(888) 558-4628 | Woodtek
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| Carba-Tec
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(888) 777-2729 | Senco Products
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| Coleman Powermate
(800) 445-1805 | Haubold
Josef Kihlberg of
America
(800) 437-9818 | Nichols Enterprises
(541) 449-1464 | Sherline
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(800) 684-9371 | Zyliss
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| Craftsman
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Sears store | Hitachi Power Tools
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(847) 259-1620 | |
| DeWalt
(800) 433-9258 | Jamerco
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(800) 338-0552 | Stanley Bostitch
Stanley Fastening
Systems
(800) 556-6696 | |
| Dremel
(800) 437-3635 | JDS Company
(800) 382-2637 | Paslode
(800) 682-3428 | Star Tools
(888) 678-8777 | |
| Duo-Fast
(888) 386-3278 | Jesada Tool
(800) 531-5559 | Penn State Industries (PSI)
(800) 377-7297 | Sunhill Machinery
(800) 929-4321 | |
| | | Porter-Cable
(800) 487-8665 | | |

This One



G75F-NTB-FXDK

Useful Accessories for Power Tools

By Bruce Wiebe

What does a woodworker need besides a shopful of power tools and 200 board feet of their favorite wood? Accessories, of course. Those ingenious products that make you more productive, more accurate or just plain more comfortable.

We asked veteran woodworkers to name their favorite store-bought accessories. Look over their picks and start your own wish list.

BANDSAW BLADE GUIDES

I use my bandsaw a lot, and after 20 years the stock metal guide blocks just about drove me nuts. I switched to Cool Blocks because I can tighten them against the blade so there's no more worrying about keeping a .004 paper space between the block and the blade. Cool Blocks are impregnated with a dry lubricant to keep the blade cooler when cutting curves so the blade's much less prone to breaking. They wear faster than the metal blocks but it's easy to re-flatten them with a file or sandpaper.

—Brad Wheeler

MOBILE BASES

When I quit as a full-time professional woodworker, I went from a 2,000 sq. ft. shop to a fairly small basement shop. I had a lot of big equipment that I had to shoehorn into a very narrow space, and mobile bases made it work. My table-saw, with its long rails, is almost as wide as my shop. That's okay when I'm ripping, but when crosscutting I have to turn the whole machine 90 degrees. The only way I can do that is with a

mobile base. I put all of my other tools on a mobile bases as well, so if I'm making something large I can move machines out of the way. Plus, they sure make sweeping up easier. There's a whole bunch of brands to choose from. They're usually fairly expensive but they're worth it!

—Ken Collier

approx. \$65
HTC: (800) 624-2027
Delta: (800) 438-2486

CLAMP 'N TOOL GUIDE

I like these because you don't need to use any clamps when rigging up a straight-edge to cut straight lines or dados. The clamps are built-in so you can tighten them in a second. They come in 3 lengths—24, 36 and 50 in. I use two for crosscutting or dadoing wide pieces of plywood. The edges of the two guides hook together so I can slide the shorter guide along the longer one and get an absolutely straight cut or dado every time because the tool can't wander away from the guide.

—Mike Lenarz

Lengths: 24 in., \$25; 36 in., \$28; 50 in., \$32
Woodcraft Supply: (800) 542-9115
www.woodcraft.com

Cool Blocks:
\$12 Available for
saws with
square guide
housings
Woodworker's
Supply:
(800) 645-9292



A large factory would have a quality control department.
You have yourself, your tools and a one-quart can.

You've arrived at that moment. The design, the joinery, every surface on the piece is just the way you'd envisioned. Now it's time to bring it to life. Make it look as good as it did in your mind. Protect it for years to come.

When you open that can, it's reassuring to know that you're not alone. That our reputation is

right there on the line with yours, at this moment of truth.

Olympic® Interior Products are a group of professional quality stains and finishes that give you more control during that final step in the process. We've engineered these stains with our exclusive *Absorption Control*™ formula, so you won't have to

contend with blotching or streaking or lap marks.

Top off your work with *Olympic*® Antique Oil Finish or your choice of Oil or Water Based Polyurethane, engineered with our *Smooth Flow*™ formula and you've created a piece that begs to be touched. Call 1-800-441-9695 for a retailer near you.



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INTERIOR PRODUCTS

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2000 TOOL BUYER'S GUIDE
Useful Accessories

HEARING PROTECTION

There are lots of distractions in a busy shop. Hearing protectors seal them all out so I can concentrate on what I'm doing. Many woodworkers may think they're unnecessary, but it may only take five minutes running a router without hearing protection to permanently impair your hearing.

The Leight hearing protectors are my favorites. They have a very high decibel rating—up to 31 decibel reduction—but are still comfortable to wear. They're part of my woodworking uniform. They're expensive, but using cheap hearing protectors would be like buying cheap tools. Try putting a price on your ears.

—Tom Caspar

Model QM29, 29 decibel NRR (Noise Reduction Rating): \$25

Model LM-777, 31 decibel NRR: \$26.50

Howard Leight Hearing Protection

800-543-0121

www.howardleight.com

OPTIVISORS

It's a fact: When you turn forty your eyes start to deteriorate. It got so bad for me that when free-hand cutting with a power or hand saw I couldn't see the cut lines on projects, even with my glasses. That's when I started wearing Optivisors.

There are four lens plates available—you pick the magnification strength that's best for you. I use the weaker 1½ lens plate that focuses at around 20 in. The depth of field is quite good too, so you don't lose clarity when you move your head a little.

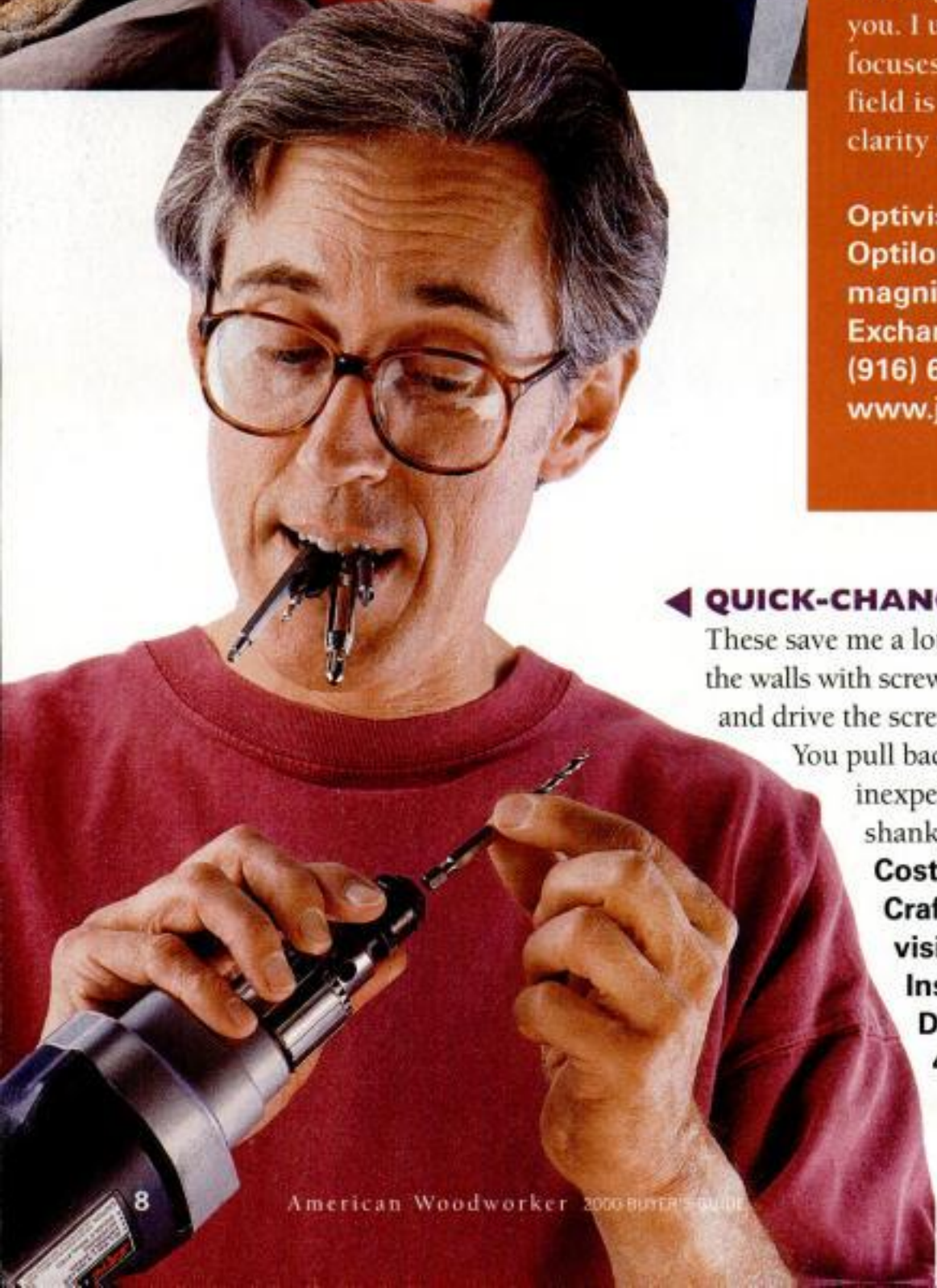
—Tim Johnson

Optivisors with 20-in. focus: \$26

Optiloupe auxiliary lens increases magnification by 2½: \$6

Exchange Jewelry Supply:
(916) 635-8872

www.jewelrystore.com



◀ QUICK-CHANGE BITS

These save me a lot of time when I'm assembling projects or hanging stuff on the walls with screws. The three-step process—drill a hole, countersink the hole and drive the screw—goes a lot faster with a quick-change collet in the drill.

You pull back on the collet to release one bit and put in another. It's an inexpensive way to give your drill a keyless chuck. Any ¼-in. hex shank bit fits in the collet.

—Mary Burns

Cost: \$35 for chuck and set of bits

Craftsman Speed Lok Quick Connector:
visit your nearest Sears store

Insty Bit Quick-Change System: (612) 381-1060

DeWalt Rapid Load Quick Change System: (800) 433-9258

Makita: (800) 462-5482



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but this is what you really needed.

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*Pfeil Swiss Made®
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in the world.*



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your cutting tools.*



*Ulmia Workbenches
- The finest in
European design
and craftsmanship.*



*Woodcraft
Router Bits-
Quality at an
affordable price.*

It's understandable why some folks might be thinking about a motorcycle when asked for a Dozuki. Finding someone who can supply you with a Dozuki *and* show you how to cut precise dovetail joints with it, needn't be as difficult as it seems. For over 70 years, Woodcraft has been serving woodworker's needs with the attention and knowledge that comes only from experience. With over 8,000 of the finest quality tools and supplies and a staff of highly skilled woodworkers, Woodcraft is committed to Helping You Make Wood Work.



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and \$25 rebate

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\$142⁰⁰

**1100 CFM
Dust Collector**
with free 1-tool hook-up
accessory kit and \$20 rebate

Total Package Savings*
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14" Bandsaw
with rip fence
and mitre gauge
and \$25 rebate

Total Package Savings*
\$122⁰⁰

3HP 10" Tablesaw
Both left- and right-tilt
XACTA SAW™ with table and legs
and \$100 rebate

Total Package Savings*
\$277⁰⁰

15" Planer
with enclosed stand,
rollers and extra knife set
and \$100 rebate

Total Package Savings*
\$209⁰⁰

*"Total Package Savings" reflects savings on accessories after manufacturer's mail-in rebate, effective October 1, 1999 to February 29, 2000.

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accessories package... and a rebate?

(Think of them as
whipped cream ...
and a cherry.)



JWTS-10JF
\$499
MSRP after mfr. rebate

For a limited time, we're packaging
our best-selling woodworking tools
with the accessories you want,
along with the famous JET rebate,
at savings of up to 71 percent!

16 1/2" Drill Press
with mortise attachment
and 3 chisel bits, sizes 1/4", 3/8", 1/2"
and \$20 rebate

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Contractor's Style
Table Saws
with carbide tipped blade
and \$50 rebate

Total Package Savings*
\$138⁰⁰



Call 800-274-6848 or visit www.jettools.com for a catalog or the name of a JET dealer near you!

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Air Compressors

2 Types of Air Compressors

Oil Lubricated

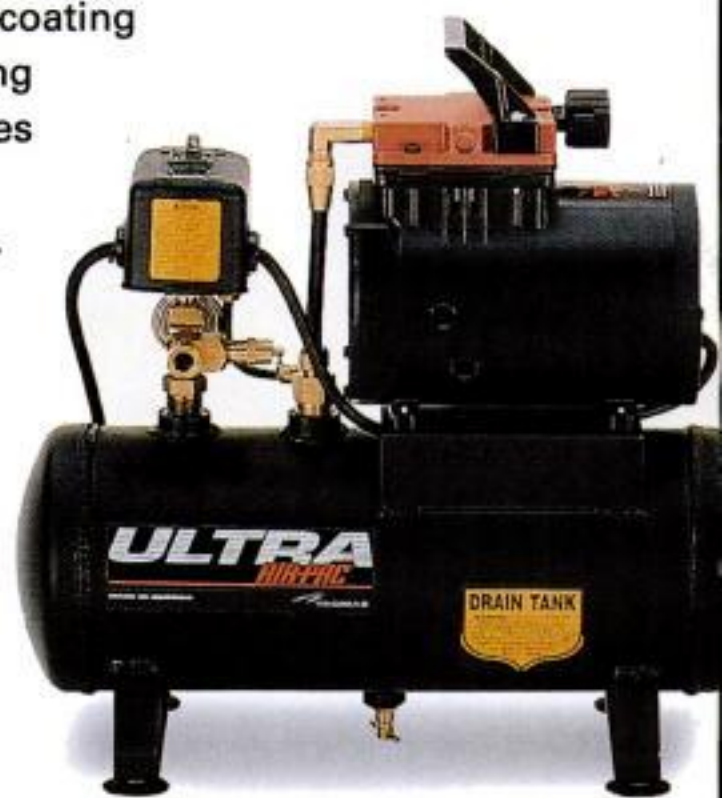
Oil-lubricated models usually last longer than oilless models before requiring a pump rebuild, thanks to the crankcase oil that lubricates the pistons. Though quieter than oilless units, oil lubricated models require regular oil and filter changes. It's wise to install an in-line filter for spray finishing to stop trace oil from contaminating the finish.



Oilless

A low-friction coating on their moving parts eliminates the need for lubricating oil. There's no risk of oil contaminating a finish, but oilless compressors are much noisier than oiled versions.

The pumps on oilless compressors do require an easily done rebuilding about every 1,000 to 2,000 working hours.



An air compressor allows you to use pneumatic nailers, do spray finishing or, with a big enough compressor, finish sanding. Plus they can power vacuum clamping, veneering and a variety of automotive tasks. We focus here on electric models for the shop, but gas-powered compressors are also available.

PHOTO BY KRIVIT PHOTOGRAPHY

Features

Power

Air delivery in cfm (cubic ft. per minute), not hp, is the true measure of an air compressor's power. Cfm is measured at a stated pressure—usually 90 psi (lbs. per sq. in.).

Know the cfm requirements of the tools you plan to use before buying a compressor. Nailers use from 2 to 6 cfm at 90 psi. Spray guns need 6 or 7 cfm at 90 psi. Sanders, drills and routers use from 7 to 25 cfm. Most small compressors can't run continuously, so buy a more powerful model for tools that run for a half-hour or more.

Tank Size

Buy a compressor with the largest tank you have room for. The pump will run less often and increase the time between rebuilds.

Motor Voltage

If your compressor use will be limited to your shop, consider a 230-volt model. At a jobsite, you'll want a 115-volt model to plug into a 115-volt circuit. Some models will adapt to either 115 or 230V. (See chart, pp. 14 - 18.)

Tank size.
A larger tank reduces wear on the compressor pump.



Portability.
Low-profile tanks with wheels are easy to move around the shop and take to the jobsite.

Portability

To move easily around the shop, or to the jobsite, consider a low-profile model on wheels. It stores nicely under a workbench and will be less tippy in transport.

Options/Accessories

AIR REGULATORS. An air regulator lets you match line pressure to your tool. Some tools require regulated air flow, but not all compressors have an air regulator. \$30.

IN-LINE FILTERS. An in-line water filter and an in-line oil filter prevent contamination when spray finishing. \$40.

OILER. Some tools require frequent lubrication. An in-line oiler dispenses small amounts of lubricant to the tool during use. \$30.

AIR NOZZLE. The air tool you'll use the most. It's great to blow dust off projects and tools. \$10.

All of these accessories are available from A&I Supply; (800) 382-2400.

Air Compressors

KEY: Y = yes, N = no, — = not applicable. *175 is standard rating for two-stage air compressors. *New models in red.*Campbell-Hausfeld
MT4114

Thomas T-30HP

Coleman Powermate
CS0170410DeVilbiss
PF22X4See page 5
for listing of manufacturers.

OILLESS

Brand & Model	List Price	Motor HP	Wheels	Tank Cpy. (gal.)	Max Air Press. (psi)	Cfm @90 psi	Volts	Amps	Weight (lb.)	Comments & Features
Accuset PC2051	\$209	1	N	2.5	125	2.7	115	10	24	Lightweight; portable.
Campbell Hausfeld FP2004	99	¾	N	—	125	1	115	10	18	Mounts on wall; lightweight.
Campbell Hausfeld FP2003	149	¾	N	1	100	0.8	115	4	23	Extremely quiet.
Thomas Industries T-617HD	329	¾	N	2	125	.90	115	4.2	29	
Campbell Hausfeld MT4110	119	¾	N	—	100	1.2	115	8	21	Tankless; 25-ft. air hose.
DeVilbiss FA752	149	¾	N	2	125	2.1	115	15	27	Constant run; handheld.
Thomas Industries T-20HP	379	¾	N	4.5	125	2.2	115	11.4	52	
Campbell Hausfeld MT4114	129	1	N	—	100	1.5	115	10	22	Tankless; 25-ft. air hose.
Campbell Hausfeld WL5100	199	1	N	3	125	2	115	10	51	Hot dog tank.
Coleman Powermate Contractor CP0100310	187	1	N	2.4	125	2.4	115	10.8	50	Hot dog tank.
DeVilbiss IRFA100	99	1	N	—	125	2.1	115	10	14	Handheld; tankless.
Porter-Cable Jetstream CF1400	356	1	N	4	125	2.7	115	15	29	Pancake tank; regulator, fittings incl.
Thomas Industries T-35HD	389	1	N	3	125	2.6	115	10	45	
Thomas Industries T-30HP	469	1½	N	4.5	125	2.9	115	12	56	5-yr. electrical warranty.
Thomas Industries T-30ST	479	1½	N	4	125	2.9	115	12	58	5-yr. electrical warranty.
Thomas Industries T-30WT	479	1½	N	4	125	2.9	115	12	60	5-yr. electrical warranty.
Air-Mate AMDOL78-HC4V	529	1½	N	3.7	120	3.7 @ 100	115	15	46	Auto start/stop.
Airstream ASNL75-15	340	1½	N	1.5	116	3.6 @ 100	115	15	30	Lightweight
Airstream ASNL75-4V	475	2	N	4	116	3.6 @ 100	115	15	47	Twin-stack tanks.
Campbell Hausfeld WL5041	279	1½	N	4	125	3.1	115	13	62	Twin-stack tanks.
Campbell Hausfeld WL5043	279	1½	N	4	125	3.1	115	13	60	Pancake tank.
Campbell Hausfeld WL5101	259	1½	N	3	125	3.1	115	13	51	Hot dog tank.
Coleman Powermate Contractor CN0150410	232	1½	N	4	125	3.6	115	14.7	64	Pancake tank.
DeVilbiss SDSC150E3D	229	1½	N	3	125	3	115	15	53	Hot dog tank.
Makita MAC3000	1,134	1½	N	8	120	5.4	115	14.2	130	Regulator, fittings incl.
Makita MAC500	299	1½	N	3	125	2.9	115	14.2	25	
Porter-Cable	938	2	Y	8	150	5.8	115	15	124	
Campbell Hausfeld WL5058	299	2	N	4	125	4.3	115	13	72	Twin-stack tanks.
Campbell Hausfeld WL5059	299	2	N	4	125	4.3	115	13	81	Pancake tank.
Coleman Powermate Contractor CS0170410	265	1½	N	4	125	3.6	115	14	61	Twin-stack tanks.
Craftsman 919-15234	100	2	N	—	125	2.6	115	10	14	Handheld.
Craftsman 919-16212	200	2	Y	12	125	2.6	115	10	65	
Craftsman 919-16355	240	2	N	4	125	3	115	15	53	Four feet for stability.
Craftsman 919-16445	280	2	N	4	125	3	115	15	70	Twin tanks.
DeVilbiss PF22X4	249	2	N	4	125	5.3	115	15	60	Pancake tank.
DeVilbiss HFAC28	169	2	Y	8	125	2.5	115	15	50	
DeVilbiss SDSC2E4STD	279	2	N	4	120	3.2	115	15	63	Twin-stack tanks.
Makita MAC1200	645	2	N	4	125	6.1	115	14.2	61	
Makita MAC2200	754	2	N	4	125	6.1	115	14.2	59	
Porter-Cable Jetstream CF2400	586	2	N	4	125	6.1	115	15	67	Twin-stack tanks; regulator, fittings incl.

Continued on page 16

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Plus make many other types of doors and projects:

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Raised Panel Door Sets *Ball bearing included

SET #	BIT STYLE	LRG. DIA.	SET PRICE
#1301	1/4" Shank Router	*2"	\$69.95
#1302	1/2" Shank Router	*3-1/2"	\$79.95
#1303	1/2" & 3/4" Shaper	4-5/8"	\$99.95

Raised Panel Door Instructional Video

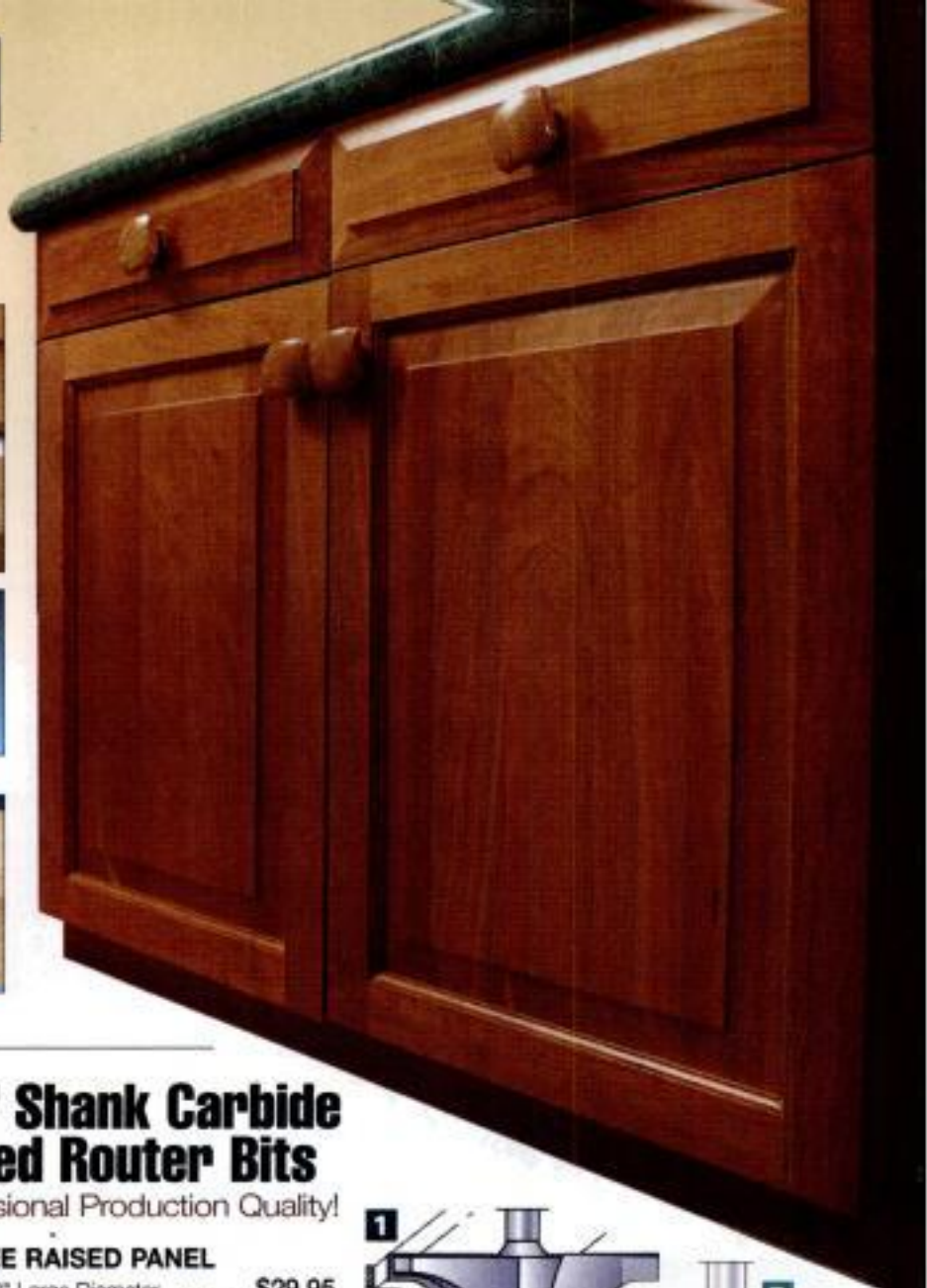
#1438 Special Sale Price\$9.95



*Raised Panel Router Bit



*Combination Rail & Stile Bit



The NEW Merle Clamp now features pivoting jaws that adjust to any angle!

The new flexible jaw inserts are made of non-marring high impact ABS plastic and are easily removed. The NEW dual pivot feature allows the Merle to clamp virtually any size shape securely! 23 ft. of steel banding included.

Clamp circles, ovals, rectangles, and with additional corners (see below*) 5, 6, 7, 8 or more sides.

Ideal for clamping drawers, doors, picture frames, boxes, cabinets, etc. Holds firmly in square.

Adjustable, uniform clamping pressure on all sides

Durable cast aluminum and steel construction

Clamps as small as 2-5/8" x 2-5/8" to 69" x

39", or 23" around, but can be extended

any length by using standard 3/8" steel banding or strapping.

Merle Clamp and 23 ft. of steel banding

#1439 REG. \$39.95SALE \$26⁹⁵

Additional Aluminum Corners and Jaw Inserts

#1440 Set of 4SALE \$14⁹⁵

WOOD Product Scorecard	
Merle Clamp - Editors Choice, Winter '97	
Performance	★★★★★
Value	★★★★★



1/4" Shank Carbide Tipped Router Bits

Professional Production Quality!

1 OGEE RAISED PANEL

#1423 2" Large Diameter\$29.95

2 TONGUE AND GROOVE

#1333 Straight\$29.00

#1335 Wedge\$29.00

3 T-SLOT CUTTER

#1305 3/4" lrg. dia, 3/8" sm. dia.\$17.00

4 LOCK MITRE BIT

#1433 2" Dia., For 1/2"-3/4" Stock ..\$37.50

5 RABBETING KIT

4 depth of cuts: 3/8", 7/16", 5/16", 1/4". Set: 1/4" shank rabbeting bit, 4 bearings & hex key.

#1425 1-1/4" Large Diameter\$25.00

6 BRASS PILOTED BIT SET

Rout into tight spaces and sharp corners.

These bits have Brass Pilots, measuring only 5/32" in dia., instead of usual 1/2" bearing.

#1441 1/8", 1/4", 3/8" Round Over ..\$44.95

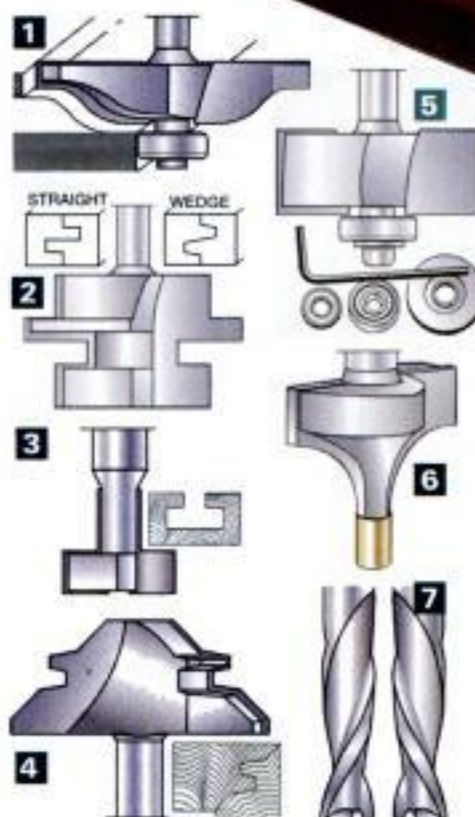
7 SOLID CARBIDE UPCUT AND DOWNCUT SET

Upset spiral ideal for mortise and tenon joints.

Downcut will plunge cut and plane edges.

#1437 1/4" dia., 3/4" cutting length

Special Set Price\$19.95



Solid Brass Router Inlay Kit

Follow template of almost any shape to make the inlay. Fits Porter Cable, Black & Decker or any router with Porter Cable bushings adapter. Includes 1/8" solid carbide downcut spiral bit, brass bushing, brass template guide, brass retainer bit & instructions.

ITEM #1426 REG. \$35.95SALE \$21⁹⁵



16 pc. Forstner Bit Set

High Quality Steel for heavy use

Sizes: 1/4", 3/8", 1/2", 5/8", 3/4", 7/8", 1", 1-1/8", 1-1/4", 1-3/8", 1-1/2", 1-5/8", 1-3/4", 1-7/8", 2", 2-1/8".

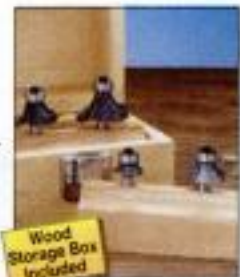


ITEM #1418

REG. \$141.20SALE \$43⁹⁵

Round Over-Beading Bit Set

1/4" shank, Carbide Tipped, 4 Round Over Bits with 1/2" OD bearing: (1/8", 1/4", 3/8", 1/2"), plus 3/8" OD bearing and allen wrench.



ITEM #1434

\$72 IndividuallySALE \$39⁹⁵

Biscuit Joining Set

5/32" Slot Cutter-1/4" Shank and 250 #20 Biscuits

Instruction sheet included.



ITEM #1385

REG. \$35.00SALE \$29⁹⁵



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Air Compressors

KEY: Y = yes, N = no, — = not applicable. *175 is standard rating for two-stage air compressors. *New models in red.*

Brand & Model	List Price	Motor HP	Wheels	Tank Cpy. (gal.)	Max Air Press. (psi)	Cfm @90 psi	Volts	Amps	Weight (lb.)	Comments & Features
Senco PC2002	\$435	1½	N	4	125	4.3	115	12.4	49	Twin horizontal tanks.
Thomas Industries T-150HP	489	2	N	4.5	125	5.3	115	12.5	75	
Thomas Industries T-150ST	489	2	N	4	125	5.3	115	12.5	74	
Thomas Industries T-150WT	499	2	N	4	125	5.3	115	12.5	72	
Thomas Industries T-2820	699	2	Y	7	125	5.4	115	13.5	100	5-yr. electrical warranty.
Thomas Industries T-2820ST	629	2	N	4	125	5.4	115	13.5	70	5-yr. electrical warranty.
Thomas Industries T-2820WT	629	2	N	4	125	5.4	115	13.5	72	5-yr. electrical warranty.
Campbell Hausfeld WL6040	219	4	Y	13	125	5.1	115	15	97	
Coleman Powermate CP0401110	204	4	Y	11	125	5.1	115	15	105	Fully assembled; regulator, gauges incl.
Craftsman 919-16420	250	4½	Y	20	130	6.2	115	15	114	
Campbell Hausfeld VS6231	349	4½	Y	20	125	5.6	115	15	134	
Campbell Hausfeld WL6052	299	5	Y	26	125	5.5	115	15	123	
Campbell Hausfeld WL6100	269	5	Y	20	125	5.5	115	15	111	
Campbell Hausfeld WL6111	319	5	Y	26	125	5.5	115	15	121	Vertical tank.
Coleman Powermate CL0502710	282	5	Y	27	125	5.6	115	15	113	Vertical tank; fully assembled; regulator, gauges incl.
Coleman Powermate CP0502010	240	5	Y	20	125	5.6	115	15	129	Fully assembled; regulator, gauges incl.
DeVilbiss F5030V	349	5	N	30	125	5.8	115/230	15/7.5	143	Vertical ASME tank.
DeVilbiss PRF5020VP	299	5	Y	20	125	5.8	115	15	120	Vertical tank.
Craftsman 919-16523	300	5½	Y	25	130	6.4	115	15	145	Vertical tank.
Craftsman 919-16531	300	5½	Y	30	130	6.4	115	15	137	
Campbell Hausfeld WL6110	299	5	Y	20	125	5.5	115	15	110	Portable vertical tank.
DeVilbiss IRFTV660V	369	6	N	60	125	9.8	230	15	230	Twin cylinder.
Craftsman 919-16533	400	6½	Y	33	130	9.9	230	15	159	V-cylinder pump design.
Craftsman 919-16560	430	6½	N	60	130	9.9	230	15	275	
Porter-Cable CF2020	679	2	Y	20	150	5.8	115	15	120	
Air-Mate AM39-HC4V	492	¾	N	4	125	2.6	115	11	57	Auto start/stop
Emglo Master Series M40-HC4V	522	¾	N	4	125	2.6	115	11	57	Regulator, fittings incl.
Emglo Master Series M79-HC4V	572	1½	N	4	125	4.1	115	15.5	60	Regulator; fittings incl.
Air-Mate AM78-HC4V	542	1½	N	4	125	4.1	115	15.5	60	Auto start/stop.
Emglo K15A-30V	903	1½	N	30	150	6.5	115/230	15.5/7.8	205	Auto start/stop; vertical tank
Emglo K15A-8P	799	1½	Y	8	150	6.5 @ 100	115/230	16/7.8	175	Constant speed control; cast-iron pump.
Emglo Master Series MK15A-8P	939	1½	Y	8	150	6.5 @ 100	115/230	15.4/7.8	185	Regulator; fittings incl.; dual control
Quincy A15CTEB	956	1½	Y	8	125	6.2	115	15	150	Dual control; cast iron single-stage pump.
Quincy A15CTEC	979	1½	Y	8	125	6.2	115/230	15	155	Dual control/dual voltage; cast iron, single-stage pump.
Air-Mate AM99-HC4V	636	2	N	4	125	5.6 @ 100	115	19	69	Runs on 25-amp breaker.
Airstream AS75-4V	510	2	N	4	125	3.6 @ 100	115	15	53	Twin-stack tanks
Campbell Hausfeld FP2000	319	2	N	4	125	4.2	115	13	62	Twin-stack tanks.
Campbell Hausfeld VT6131	499	2	Y	8	125	4.5	115/230	15	175	Wheelbarrow tank; cast-iron pump.

OILLESS

OIL LUBRICATED

Makita
MAC2200Porter-Cable Jetstream
CF2400

Craftsman 919-16523



Emglo M79-HC4V

See page 5
for listing of manufacturers.

Air Compressors

KEY: Y = yes, N = no, — = not applicable. *175 is standard rating for two-stage air compressors. **New models in red.**



Emglo MK15A-8P



DeVilbiss IRFTV660V



Campbell Hausfeld VT6131



DeVilbiss PRL5020

See page 5
for listing of manufacturers.

OIL LUBRICATED

Brand & Model	List Price	Motor HP	Wheels	Tank Cpy. (gal.)	Max Air Press. (psi)	Cfm @90 psi	Volts	Amps	Weight (lb.)	Comments & Features
DeVilbiss SDS2E8DCD	\$579	2	Y	8	125	5.6	115	15	114	Twin wheelbarrow tanks.
Emglo K2A-8P	879	2	Y	8	150	8.4 @ 100	115/230	19.8/9.9	190	Constant speed control.
Emglo Master Series MK2A-8P	1,019	2	Y	8	150	8.4 @ 100	115/230	19.8/9.9	195	Regulator, fittings incl.
Thomas Industries T-150	599	2	Y	7	125	5.3	115	12.5	100	
Coleman Powermate CP0302013	304	3	Y	20	130	4.9	115/230	15	154	Fully assembled; regulator, gauges incl.
Emglo G3A-8P	1,349	3	Y	8	150	13.8 @ 100	230	13.5	240	Cast-iron pump.
Emglo GC3E-30V	1,482	3	N	30	150	14.2 @ 100	230	13.5	288	Cast-iron pump.
Emglo Master Series MG3A-8P	1,524	3	Y	8	150	13.8 @ 100	230	13.5	250	Regulator, fittings incl.
Quincy Air Master 131A20PN3	596	3.5	Y	20	120	6.7	115	15	150	Single-stage cast-iron pump.
Quincy Air Master 131A30VC3	755	3.5	N	30	120	6.7	115	15	260	Single-stage pump.
Campbell Hausfeld VS5001	319	4	Y	13	125	5.5	115	15	116	
Campbell Hausfeld VT6196	339	4	Y	20	125	5.6	115/230	15	156	Cast-iron pump.
Campbell Hausfeld VT6231	399	4½	Y	20	125	5.7	115/230	15	156	Cast-iron pump.
Campbell Hausfeld VT6233	419	4½	Y	26	125	5.7	115/230	15	175	Cast-iron pump.
Coleman Powermate CP0452513	337	4½	Y	25	130	5.2	115/230	15	168	Fully assembled, Regulator, gauges incl.
Campbell Hausfeld VS5006	359	5	Y	20	125	5.7	115	15	131	
Campbell Hausfeld VS5007	379	5	Y	30	125	5.7	115	15	215	
Campbell Hausfeld VT6290	399	5	Y	20	125	5.8	115	15	159	Cast-iron pump.
Coleman Powermate CL0502713	353	5	Y	27	130	5.7	115/230	15	143	Vertical tank; fully assembled; regulator, gauges incl.
Coleman Powermate CP0502013	326	5	Y	20	130	5.7	115/230	15	163	Fully assembled; regulator, gauges incl.
Coleman Powermate IV5038023	1,008	5	N	80	175	14.8 @ 175*	230/460	14.4/7.2	625	Cast-iron pump; 3-phase motor; mag.-starter incl.
Craftsman 919-18643	380	5	Y	20	125	7.1	115/230	15/7.5	136	
DeVilbiss PRL5020	359	5	Y	20	125	6.7	115/230	15/7.5	135	
Emglo GT5B-60V	1,962	5	N	60	175	17 @ 125	230	23	400	2-stage pump.
Emglo W5B-80	2,420	5	N	80	175	17.5 @ 175	230	23	610	Low rpm for long life.
Lobo AC-5022	689	5	N	22	125	11.4	230	15-21	300	Horizontal tank.
Lobo AC-5080	1,199	5	N	80	175	18	230	15-21	350	Mag. switch; 3 HP opt.; vertical tank.
Quincy 151C20PN3	639	5	Y	20	120	9.6	230	15	130	Single-stage cast-iron pump.
Quincy 151C30VC3	768	5	N	30	120	9.6	230	15	170	Single-stage cast-iron pump.
Quincy 151C60VC3	792	5	N	60	120	9.6	230	15	260	Single-stage cast-iron pump.
Quincy 241C60VC	1,653	5	N	60	175	16.3 @ 175*	230	22	495	2-stage cast-iron pump.
Quincy 251C80VC	2,154	5	N	80	175	17.2 @ 175*	230	26	575	2-stage cast-iron pump.
Quincy 351C120VC	2,451	5	N	120	175	17.2 @ 175*	230	26	750	2-stage pressure-lubricated pump.
Campbell Hausfeld VT6235	429	5½	Y	26	125	9.4	230	15	175	Cast-iron pump.
Campbell Hausfeld VT6195	449	6	N	60	125	10.2	230	15	290	Vertical tank; cast-iron pump.
Campbell Hausfeld VT6275	479	6½	Y	60	125	10.3	230	15	292	Vertical tank; cast-iron pump.
Coleman Powermate CL6506016	409	6½	N	60	130	9.6	208-230	15	245	Vertical tank.

Continued on page 18

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2000 TOOL BUYER'S GUIDE

Air Compressors

KEY: Y = yes, N = no, — = not applicable. *175 is standard rating for two-stage air compressors. **New models in red.**

Brand & Model	List Price	Motor HP	Wheels	Tank Cpy. (gal.)	Max Air Press. (psi)	Cfm @90 psi	Volts	Amps	Weight (lb.)
Coleman Powermate CV6548049 Comments & Features Aluminum pump w/ cast-iron cylinders.	\$769	6½	N	80	175	11.3 @ 175*	208-230	22	405
Craftsman 919-18426 Comments & Features Cast-iron cylinder sleeves.	500	6½	N	60	125	10.5	230	15	275
Craftsman 919-18695 Comments & Features Cast-iron cylinder sleeves.	400	6½	Y	20	125	10.5	230	15	142
DeVilbiss L6560V Comments & Features Vertical tank.	479	6½	N	60	125	9.4	230	15	240
DeVilbiss LK6580V2 Comments & Features Vertical tank; 2-stage pump.	999	6½	N	80	175	16.9 @ 175*	230	30	442
Coleman Powermate CV7548060 Comments & Features Aluminum pump w/ cast-iron cylinders.	1,151	7½	N	80	175	19.2 @ 175*	230	29	505
Coleman Powermate IV7518023 Comments & Features Cast-iron pump.	1,301	7½	N	80	175	17 @ 175*	230	32	710
DeVilbiss LM7580V2C Comments & Features 2-stage, cast-iron pump.	1,599	7½	N	80	175	17 @ 175*	230	30	493
Lobo AC-7580 Comments & Features Vertical tank, cast-iron pump.	1,688	7½	N	80	175	22	230	15-21	400
Quincy 271C80VC Comments & Features 2-stage cast-iron pump.	3,203	7½	N	80	175	22.6 @ 175*	230	40	665
Quincy 371C80VC Comments & Features 2-stage cast-iron pressure-lubricated pump.	2,580	7½	N	80	175	22.6 @ 175*	230	40	590
Senco PC2001 Comments & Features Twin-stack tanks.	458	1½	N	4.3	125	4.3	115	14.1	58
Senco PC2011 Comments & Features Elec. wheelbarrow.	869	1½	Y	8	125	6.5	115	15	147
Campbell Hausfeld FP2002 Comments & Features Compact storage; ASME tank.	179	2	Y	6	120	2.2	115	13	49
Senco PC2012 Comments & Features Gas wheelbarrow.	1,091	5½	Y	8	125	8.9	—	—	147
Campbell Hausfeld VT6278 Comments & Features Cast-iron pump.	449	6	Y	20	125	10.3	230	12	154
Campbell Hausfeld VT6299 Comments & Features Cast-iron pump; portable vertical tank.	449	5	Y	30	125	5.8	115	15	223

OIL LUBRICATED



Craftsman 919-18426



Campbell Hausfeld VT6275



DeVilbiss LM7580V2C



Coleman Powermate CV7548060

See page 5
for listing of manufacturers.



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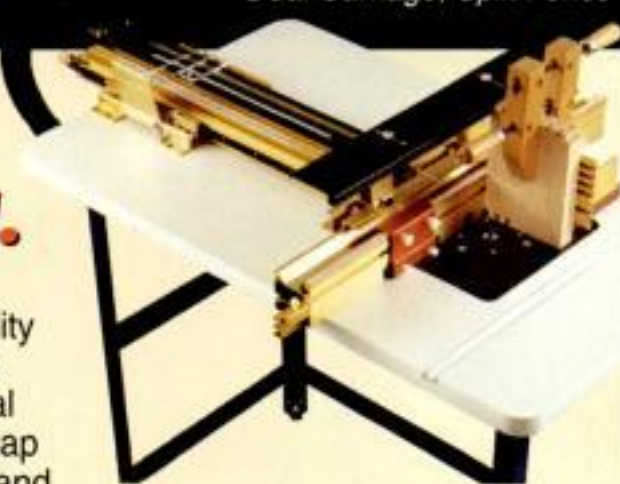
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Air Nailers

2 Types of Air Nailers

Brad

Brad nailers shoot 18-gauge finish nails called brads, which are less likely than regular finish nails to split wood. The brad nailer's small nose fits easily into tight spaces and complex molding profiles. Brad length ranges from $\frac{5}{8}$ in. to about $1\frac{1}{2}$ in. long, and some nailers will shoot brads as short as $\frac{3}{8}$ in. and as long as 2 in. A few models also drive narrow crown staples, which have more holding power, but are more obtrusive. [\(See chart, p. 24.\)](#)



Finish

These larger, heavier nailers are great for assembling cabinet carcasses, installing face frames and large moldings. They shoot nails ranging from 1 in. to $2\frac{1}{2}$ -in. long. [\(See chart, p. 26.\)](#) You can also use finish nailers to install window and door casings and other trim jobs around the house.



An air nailer is the ideal tool for quickly attaching cabinet backs and moldings, and building shop fixtures, jigs and prototypes. It sinks brads and nails below the wood's surface and won't knock carefully positioned parts out of alignment like hammer blows often do. Plus, it's *fast*! A small $\frac{3}{4}$ -hp air compressor will supply the 100 psi. air nailers require.

PHOTO BY KRIVIT PHOTOGRAPHY

Features

Weight

Finish nailers are heavy and can strain your elbow and wrist when used for long periods. Lighter weight is a plus.

Angled-Nail Magazine

A finish nailer with the magazine angled toward the gun makes it easier to shoot bullseyes in corners and tight spots.

Safety System

On most guns, a retractable nosepiece must be pressed against the workpiece before a trigger squeeze fires a nail. A few guns have double triggers instead, both of which must be pulled to fire the gun.

Bump Firing

Some models have this fast firing feature: Hold the trigger down continuously, pushing the nosepiece against the work to fire the nail. Used in high-production settings.

Rubber Nose Tip

Some guns have a rubber nose tip to keep softer woods from denting when fired upon. (See photo, below.)



Quick-Release Nosepiece

A quick-release nosepiece lets you quickly unjam occasional nail snags in the magazine. (See photo, above.)

Drive-Depth Adjustment

A few guns sport a dial near the tip that lets you adjust the amount of countersink, or set, of the nail without changing the air-line pressure.



Options/Accessories

SWIVEL FITTING. A swivel air-line fitting between the hose and gun gives you greater maneuverability in tight spots. \$5. Available from Emco Mfg. Co.; (800) 873-3626.

SAFETY EYEWEAR. Nail guns can make pieces of wood and metal fly. It's important to always protect your eyes.

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Cherry	4/4	Select	3.75
Hickory - Pecan	4/4	Select	2.00
Mahogany (Genuine)	4/4	Select	3.70
Maple (Hard)	4/4	Select	2.80
Maple (Soft)	4/4	Select	2.20
Poplar	4/4	Select	1.55
Red Oak	4/4	Select	2.40
Walnut	4/4	Select	3.35
White Oak	4/4	Select	2.40
Cedar (Aromatic Red)	4/4	1C+Btr.	1.65
Cypress	4/4	Select	2.25
White Pine	4/4	F.G.	1.15
Yellow Pine	4/4	Clear	1.80

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Air Nailers

KEY: Magazine Type: A = angled, S = straight.

Magazine Material: Al = aluminum, P = plastic, ST = steel. Safety System: 2 = 2 triggers, DT = depress tip, SL = safety lock. Y = yes, N = no, OPT = optional. — = not applicable. *New models in red.*

Brand & Model	List Price	Nail Length (in.)	Magazine Type & Material	Safety System	Bump Firing	Rubber Nose Tip	Quick-Release Nose-Piece	Drive Depth Adj.	Recomm. Air Pressure (psi)	Weight (lb.)	Comments & Features
Accuset A125BN	\$99	1/4 - 1 1/4	S/ST	DT	N	Y	Y	N	70 - 100	2.3	Case, glasses, oil, wrench incl.; soft-grip.
Accuset A200BN	139	1/4 - 2	S/ST	DT	N	Y	Y	Y	70 - 100	3.4	Case, glasses, oil, wrench incl.; soft-grip.
Airy 0232SP	69	1/4 - 1 1/4	S/AL	2	N	N	N	Y	80 - 100	2.6	Case incl.; soft-grip handle.
Airy 0241SRNK	99	1/4 - 1 1/4	S/P	2	N	N	N	Y	80 - 100	2.7	Case with nails incl.
Airy 0249SRNK	109	1/4 - 2	S/AL	2	N	N	N	Y	80 - 100	3	Case incl.
Airy EZ-2	119	1/4 - 1 1/4	S/AL	2	N	N	N	Y	80 - 100	3.5	Also shoots narrow crown staples.
Campbell Hausfeld NB003099	99	1/4 - 1 1/4	S/AL	DT	N	N	N	N	50 - 100	2.6	Case with nails incl.; wrenches.
Campbell Hausfeld NB004099	129	1/4 - 2	S/AL	DT	Y	N	Y	N	50-100	2.8	Case with nails incl.; wrenches.
Craftsman 18402	80	1/4 - 1 1/4	S/AL	DT	N	N	Y	N	60 - 100	1.5	Oilless; rubber grip.
Craftsman 18409	84	1/4 - 1 1/4	S/AL	DT	Y	N	N	N	60 - 100	2.2	Oilless; case available.
Craftsman 18424	124	1/4 - 2	S/AL	DT	Y	N	N	N	60 - 100	2.6	Rubber grip; case available.
DeVilbiss SHBN4	119	1/4 - 1 1/4	S/AL	DT	Y	N	N	N	65 - 100	2.7	
Duo-Fast DBN-4450	209	1 - 1 1/4	S/P	2	N	N	N	N	70 - 120	2.9	Compact.
Fasco F20PGN31	372	1/4 - 1 1/4	S/AL	DT	Y	N	Y	N	80 - 110	2.5	
Fasco F20TGN40	386	1/4 - 1 1/4	S/AL	DT	Y	N	Y	N	80 - 110	2.8	
Grizzly G1852	60	1/4 - 1 1/4	S/AL	DT	Y	N	N	N	90 - 100	2.6	
Grizzly G1861	70	1/4 - 1 1/4	S/AL	DT	Y	N	N	N	90 - 100	3.3	
Grizzly G6047	100	1/4 - 2	S	DT	Y	N	Y	N	70 - 110	3	Case with nails; safety glasses.
Haubold SKN-40V/12	442	1/4 - 1 1/4	S/AL	DT	Y	Y	Y	N	57 - 100	3.7	
Hitachi NT32AE	86	1/4 - 1 1/4	S/AL	DT	Y	N	N	N	70 - 120	2.6	360° directional exhaust; leather grip.
Hitachi NT50AD	272	1 - 2	S/AL	DT	N	Y	N	Y	70 - 120	2.5	360° directional exhaust; leather grip.
Hitachi NT50AE	127	1/4 - 2	S/AL	DT	Y	N	N	N	70 - 120	3.2	360° directional exhaust; leather grip.
ISM TI-Pin 44	205	1/4 - 1 1/4	S/AL	DT	N	N	Y	Y	65 - 110	2.5	Case with nails, safety glasses, lubricant incl.
ISM BN1828	75	1/4 - 1 1/4	S/AL	DT	Y	Y	Y	Y	55 - 100	2.75	
Jamco JTBN1832	99	1/4 - 1 1/4	S/AL	DT	Y	N	N	N	52 - 100	2.5	Case, brads incl.
Jamco JTSO61838A	125	1/4 - 1 1/4	S/AL	DT	Y		Y	Y	70 - 100	2.5	Directional exhaust. push button for single or bump fire.
Jamco JTBN1832A	119	1/4 - 1 1/4	S/AL	DT	Y	N	N	N	70 - 100	2	Directional exhaust.
Jamco JTBN1842A	149	1/4 - 1 1/4	S/AL	DT	Y	N	N	N	70 - 100	2.5	Directional exhaust.
Jamco JTBN1850A	159	1/4 - 2	S/AL	DT	Y	N	N	N	70 - 100	2.7	Directional exhaust.
Josef Kihlberg JK24-512	433	1/4 - 1 1/4	S/AL	DT	Y	N	N	N	58 - 87	2.4	
Makita AF502	469	1/4 - 2	S/AL	SL	Y	Y	N	Y	65 - 120	2.5	Depth adjustment.
Makita AF503	238	1/4 - 2	S/AL	DT	Y	N	N	N	65 - 120	2.4	Quick release mag.
Makita AT638	238	1/4 - 2	S/AL	DT	Y	N	N	N	65 - 120	2.4	Quick release mag.
Max NF201/18-35	190	1/4 - 1 1/4	S/P	DT	Y	Y	Y	Y	60 - 100	1.8	Directional exhaust.
Max NF211/18-50	525	1 - 2	S/AL	DT	N	Y	Y	Y	60 - 100	2.6	Directional exhaust.
Paslode 2138-F18II	482	1/4 - 1 1/4	S/AL	DT	Y	N	Y	N	80 - 120	2.8	
Porter-Cable BN125A	162	1/4 - 1 1/4	S/AL	DT	N	Y	Y	Y	70 - 120	2.3	Case incl.; soft-grip handle; wrenches; adj. exhaust; re-load indicator; nosetip storage.
Porter-Cable BN200A	232	1/4 - 2	S/AL	DT	N	Y	Y	Y	70 - 120	2.5	Case incl.; soft-grip handle; wrenches; adj. exhaust; re-load indicator; nosetip storage.
Senco LS1	310	1/4 - 1	S/AL	DT	N	N	Y	N	80 - 110	2.7	Easy to maneuver.
Senco SLP20	325	1/4 - 1 1/4	S/P	DT	N	N	Y	N	70 - 120	2.3	Oilless.
Spotnails CB1820	118	1/4 - 1 1/4	S/AL	DT	Y	N	N	N	85 - 100	2.6	
Spotnails DB1825	234	1/4 - 1	S/ST	DT	Y	N	N	N	85 - 100	3.1	
Spotnails GB1832	262	1/4 - 1 1/4	S/ST	DT	Y	N	N	N	85 - 100	3.3	
Stanley-Bostitch BT-35B	279	1/4 - 1 1/4	S/AL	2	N	N	Y	N	70 - 100	2.4	Anti-jam magazine.

BRAD NAILERS — 18 GAUGE



Accuset A200BN



Campbell Hausfeld NB003099



Craftsman 18402



Makita AF502

See page 5 for listing of manufacturers.

Continued on page 26

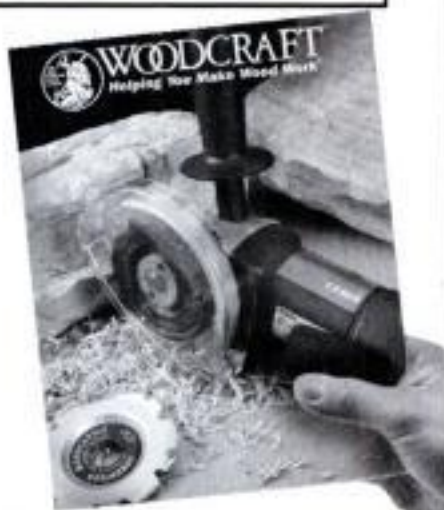
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SVX-150
Scissors Jig
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XB-100
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SP-650
Stone Grader
For grading the SuperGrind stone to a finer grit. Also for renewing a glazed stone.



SVD-180
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For fingernail shaped turning gouges. Carving gouges and V tools. Max. width 1".



SVM-45
Knife Jig For most knives. Min. blade length 2 1/2". Portable electric hand planer blades. Carvers draw knives.



SVA-170
Axe Jig
For carving and carpenter's axes. Max. axe head size 6 1/2".



MH-380
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For protecting the machine from wood dust.



LA-100
Profiled Leather Honing Wheel
For inside honing and polishing of gouges and V tools.



SVD-110
Tool Rest with TORLOCK
For turning scrapers. Carving scrapers and shavers. Screw drivers.



SVM-100
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Airy 0566TP



DeVilbiss FN7



Hitachi NT65AA

BRAD NAILERS — 18 GAUGE

FINISH NAILERS — 15 OR 16 GAUGE

Brand & Model	List Price	Nail Length (in.)	Magazine Type & Material	Safety System	Bump Firing	Rubber Nose Tip	Quick-Release Nose-Piece	Drive Depth Adj.	Recomm. Air Pressure (psi)	Weight (lb.)	Comments & Features
Stanley-Bostitch BT-50B	\$335	1/8 - 2	S/AL	2	N	N	Y	N	70 - 100	2.6	Anti-jam magazine.
Woodtek 832364	96	1/8 - 1	S/P	2	Y	N	N	Y	80 - 100	3	Also shoots narrow crown staples.
Senco SFN30	269	1 - 2	A/P	DT	N	Y	Y	Y	70 - 110	3.6	360° adjust exhaust.
Woodtek 832371	120	1/8 - 1 1/2	S/P	2	Y	N	N	Y	80 - 100	2.3	
Woodtek 832378	147	1/8 - 2	S/ST	2	Y	N	N	Y	80 - 100	3.5	
Woodtek 882371	80	1/8 - 1 1/2	S/ST	2	Y	N	N	Y	80 - 100	2.3	Also shoots narrow crown staples.
Woodtek 914547	138	1/8 - 1 1/2	S/ST	2	Y	N	N	Y	55 - 95	3	Also shoots narrow crown staples.
Accuset A250FN	239	1 1/4 - 2 1/2	A/AL	DT	N	Y	Y	Y	70 - 120	5.4	360° adjust exhaust; case incl.
Accuset A250SM	189	1 1/4 - 2 1/2	A/AL	DT	N	Y	N	Y	70 - 120	4.4	360° adjust exhaust; case incl.
Airy 0350NK	169	1/8 - 2	S/P	DT	Y	Y	N	Y	80 - 100	5	Case with nails incl.
Airy 0566TP	239	1 - 2 1/2	A/AL	DT	Y	Y	Y	N	80 - 100	7	Case incl.
Atro Monza Brad 64	295	1 1/4 - 2 1/2	A/AL	DT	N	Y	Y	Y	65 - 110	4.3	Case available.
Campbell Hausfeld NB005099	199	1/8 - 2	S/AL	DT	Y	Y	Y	Y	70 - 110	4.8	Case with nails incl.; safety glasses.
Campbell Hausfeld NB356599	259	1 1/4 - 2 1/2	A/AL	DT	Y	Y	Y	Y	70 - 110	5.3	Case with nails incl.; safety glasses.
Craftsman 18431	179	1/8 - 2 1/2	S/AL	DT/SL	Y	Y	Y	Y	70 - 110	4.1	360° direction exhaust.
Craftsman 18432	219	1 1/2 - 2 1/2	S/AL	DT/SL	Y	Y	Y	Y	70 - 110	5	360° direct. exhaust.
DeVilbiss AFN5	280	1 - 2 1/2	A/AL	DT	Y	Y	Y	N	75 - 100	6	
DeVilbiss FN7	199	1/8 - 2	S/AL	DT	Y	N	N	N	65 - 100	5.1	
Duo-Fast DAFN6480	551	1 1/4 - 2 1/2	A/AL	DT	Y	Y	Y	Y	70 - 120	5.6	Rubber grip.
Duo-Fast LFN-764A	580	1 - 2	S/AL	DT	N	Y	N	N	70 - 120	4.1	Rubber grip.
Fasco F3TFN70	596	1 1/4 - 2 1/2	S/AL	DT	Y	N	Y	N	80 - 110	5	
Grizzly G3690	180	1 1/4 - 2 1/2	A/AL	DT	Y	Y	Y	N	80 - 120	5.9	
Grizzly G6049	200	1 1/4 - 2 1/2	AL	DT	Y	Y	Y	Y	80 - 120	4.8	Case with nails.
Haubold SKN40V/16	442	1/8 - 1 1/2	S/ST	DT	Y	Y	Y	N	57 - 100	3.7	
Haubold SKN64A/16	405	1 1/4 - 2 1/2	S/ST	DT	Y	OPT	N	N	85 - 110	4.8	
Hitachi NT65A2	238	1 1/4 - 2 1/2	S/AL	DT	Y	Y	Y	Y	70 - 120	4.6	
Hitachi NT65AA	334	1 1/4 - 2 1/2	S/AL	DT	Y	Y	Y	Y	70 - 120	4.6	360° direct. exhaust.
ISM BN1650	180	1 - 2	S/AL	DT	Y	Y	Y	Y	90 - 100	4.7	
Jamco JTA FN1464	379	1 1/4 - 2 1/2	A/AL	DT	Y	Y	Y	Y	70 - 110	5.4	
Jamco JTFN1650A	179	1/8 - 2	S/AL	DT/SL	Y	Y	Y	Y	70 - 100	3.8	Directional exhaust; 3-way trigger.
Jamco JTFN1664A	275	1/8 - 2 1/2	S/AL	DT/SL	Y	Y	Y	Y	70 - 100	4.1	Directional exhaust; 3-way trigger.
Makita AF631	425	1 1/4 - 2 1/2	A/AL	DT, 2, SL	Y	Y	Y	N	65 - 120	5.5	Depth adjustment.
Max NF352/16-50	510	1 - 2	S/AL	DT	N	N	Y	Y	60 - 100	3.6	
Max NF510/15-50	530	1 - 2	A/AL	DT	Y	Y	Y	Y	60 - 100	4	
Pasloide IM250II	499	1/8 - 2 1/2	S/AL	DT	N	Y	Y	Y	—	5.5	Cordless.
Penn St. PSI ANK-5	190	1-2 1/2	A/AL	DT	Y	Y	Y	N	50 - 100	5.3	
Porter-Cable CDA250	500	1 1/4 - 2 1/2	A/AL	DT	N	Y	Y	Y	—	6.5	Case incl; cordless.
Porter-Cable CFN250	500	1 - 2 1/2	S/AL	DT	N	Y	Y	Y	—	6.5	Case incl; cordless.
Porter-Cable DA250A	396	1 1/4 - 2 1/2	A/AL	DT	Y	Y	Y	Y	70 - 120	6	Case incl.; soft-grip handle.
Porter-Cable FN250A	328	1/8 - 2 1/2	S/AL	DT	Y	Y	Y	Y	70 - 120	4.3	Case incl.; soft-grip handle.
Senco SFN1+	390	1 - 2	A/P	DT	Y	Y	Y	Y	70 - 120	4.3	Oilless.
Senco SFN40	465	1 1/4 - 2 1/2	A/P	DT	Y	Y	Y	Y	80 - 110	4.7	Oilless.
Spotnails FB1632	268	1/8 - 2	S/AL	DT	Y	N	N	N	85 - 100	3.4	
Spotnails HLB1516	444	1 1/4 - 2	S/AL	DT	Y	Y	Y	N	85 - 110	4.6	
Spotnails HLB1520	458	1 1/4 - 2 1/2	S/AL	DT	Y	Y	Y	N	85 - 110	4.8	
Spotnails KB1564	370	1 1/4 - 2 1/2	S/ST	DT	Y	Y	Y	Y	70 - 120	5.3	
Spotnails KBA1654	312	1 1/4 - 2 1/2	A/ST	DT	Y	Y	Y	Y	70 - 120	5.3	
Stanley-Bostitch N60FN	557	1 1/4 - 2 1/2	A/AL	2	N	Y	Y	Y	70 - 100	4.6	Directional exhaust.
Woodtek 832385	180	1 - 2 1/2	S/ST	DT	Y	N	N	Y	80 - 100	7	Case incl.
Woodtek 832392	215	1 - 2 1/2	A/ST	DT	Y	Y	Y	Y	80 - 100	7	Case incl.
Woodtek 864374	194	1 - 2	S/P	DT	Y	N	N	Y	80 - 100	4	Case incl.

See page 5
for listing of manufacturers.

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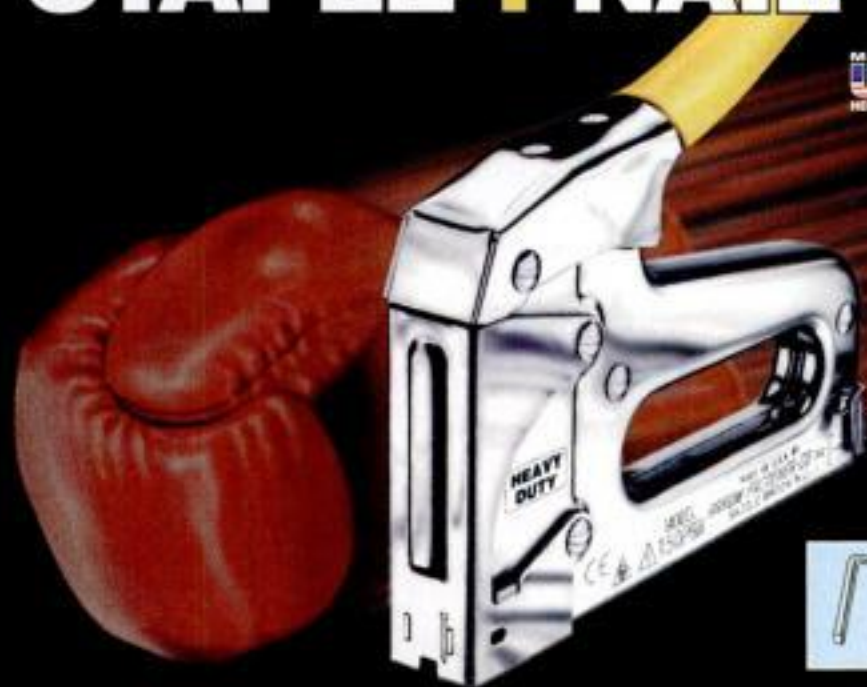
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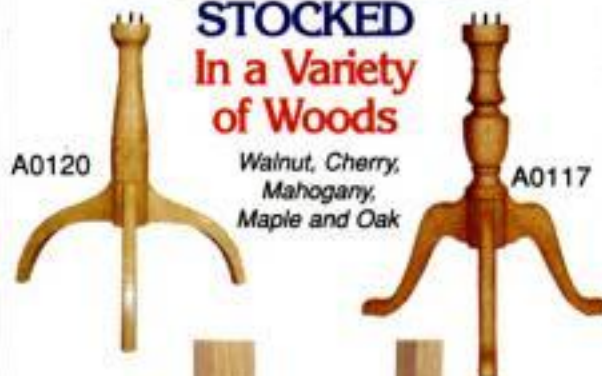
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Bandsaws



PHOTO BY KRIVIT PHOTOGRAPHY

The versatile bandsaw rips boards and cuts joints like a tablesaw, cuts curves like a saber or scrollsaw, resaws boards like a small saw mill and sculpts furniture parts in three dimensions. Throat opening—the distance between the blade and the post supporting the upper wheel—determine the saw's size. A 14-in. bandsaw allows 14-in. of wood to pass between the blade and the post.

3 Types of Bandsaws

Benchtop

Benchtop bandsaws are lighter and less powerful than floor models—and less expensive. They excel at light-duty cutting and scrollwork—cutting intricate curves in thin stock. Don't expect them to resaw wide boards, or cut large or long boards, especially hardwood.



Floor Model

Floor model bandsaws are more versatile than benchtop models. With a narrow $\frac{1}{8}$ -in. blade, you can cut delicate, small-radius curves. With a wider blade ($\frac{3}{8}$ to $\frac{1}{2}$ in.) you can rip and resaw hardwood. The heavier frame and more powerful motor ensures faster cutting with less vibration.



Three-Wheel

The three-wheel design increases the throat capacity, but causes some problems as well. It's more difficult to keep the blade properly tracked and the small-diameter wheels put more strain on blades, causing them to break more frequently. The maximum blade width on three-wheelers is $\frac{3}{8}$ in., so these saws are best for light-duty woodworking and for cutting tight curves in wide, thin stock.

Features

Size and Power

A medium-size floor model—one with a 12- to 16-in. wheel diameter and a $\frac{3}{4}$ - to 1-hp motor—is ideal for general-purpose work, such as cutting curves in stock of different thicknesses and resawing. If you'll be doing production work or heavy resawing, look closely at floor models with 16-, 18-, or 20-in. wheels and a motor of at least 1½ hp.

Frame Material

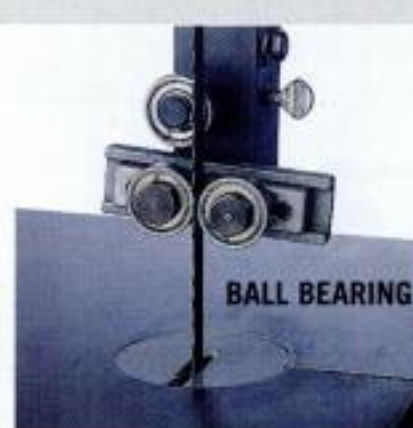
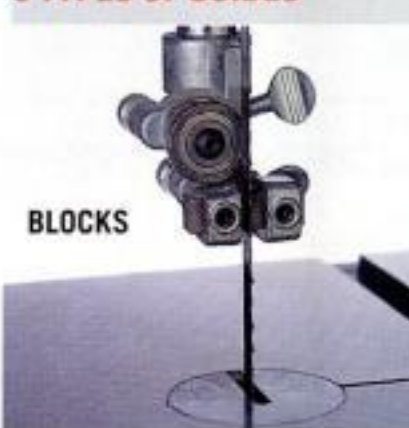
To support the blade and minimize vibration, the bandsaw's frame needs to be as rigid as possible. A cast-iron frame or a welded, heavy-gauge steel frame is more rigid than an aluminum frame.

Table

Look first for a rigid table that adjusts smoothly and locks securely at any angle without flexing. A table that tilts to the left and right, rather than only to the right, allows you to handle a wider variety of angled cuts, such as dovetails.



3 TYPES OF GUIDES



Blocks and bearings. Solid metal guide blocks are simple in design and inexpensive, but they can heat the blade and don't provide the blade support that's possible with guides that run on ball bearings. Euro-style ball-bearing guides are the easiest to adjust.

Blade Guides

The lower blade-guide assembly is fixed beneath the table. The upper assembly is mounted on a post that adjusts up or down to accommodate different stock thicknesses. Make sure this assembly's guides remain parallel to the blade when the post is adjusted up or down, then locked. And only buy a saw with an upper guide post that clamps positively at whatever height you position it.

Options/Accessories

COOL BLOCKS. These are a good replacement for metal blocks because they can be set against the blade without clearance adjustments, plus they're self lubricating to help the blade run cooler. \$12. Available from Tool Crib of the North; (800) 582-6704.

RISER BLOCK. This height attachment adds 6 in. to the resaw capacity of most 14-in. bandsaws. It's easy to install between the top and base castings. Available from individual manufacturers.

EXTRA BLADES. Have on hand a narrow ($\frac{1}{8}$ -in.) blade for cutting tight curves, a wider blade ($\frac{1}{2}$ -in. or wider) for resawing and a spare $\frac{3}{8}$ -in. general-purpose blade. Available from Woodworker's Supply; (800) 645-9292.

Bandsaws

KEY: Blade Guide Type: BB = ball bearing, CB = Cool Blocks, CR = carbide, ES = Euro-style ball bearing, M = metal blocks, P = plastic blocks. — = not applicable. Frame Material: A = aluminum, CI = cast iron, S = steel. **New models in red.**



Delta 28-150



Jet JWBS-12



Grizzly G1019Z

See page 5
for listing of manufacturers.

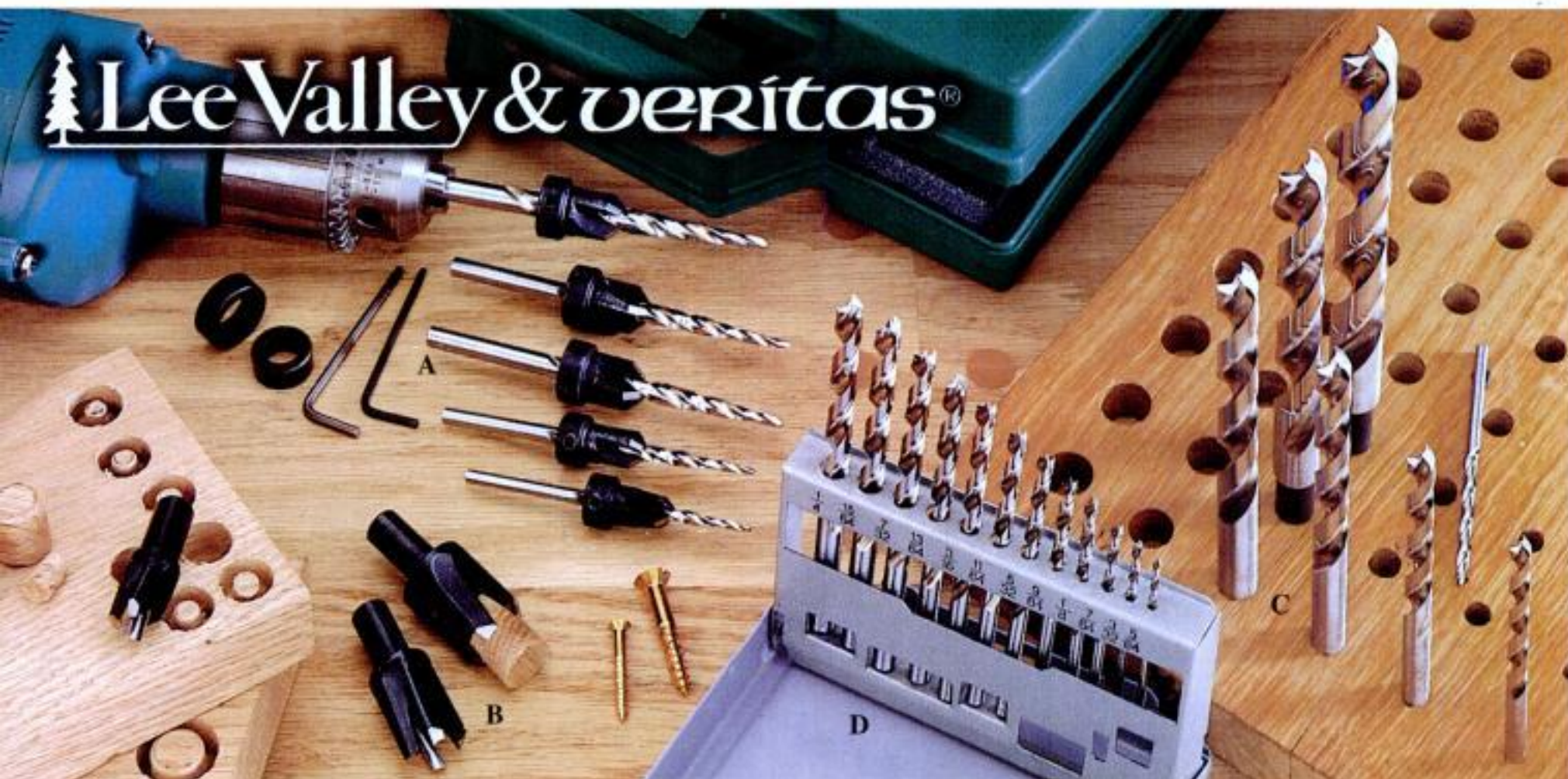
BENCHTOP

FLOOR

Brand & Model	List Price	Size (in.)	Resaw Capacity (in.)	Table Tilt Left, Right (°)	Blade Guide Type	Maximum Blade Width (in.)	HP	Volts	Weight (lb.)	Frame Material	Comments & Features
Delta 28-150	\$195	9	3%	3, 45	CB	¾	¾	120	33	A	Lamp and miter gage incl.
Delta 28-185	219	8	5	4, 45	M	¾	¾	115	35	A	Micro-adj. guides.
Inca 205	395	8	5%	45, 0	M	¾	¾	115	44	A	
Craftsman 21449	170	9	3%	0, 45	M	¾	¾	115	35	A	Cast-iron base; wheel brushes.
Grizzly G1052	170	9	4%	15, 45	BB	¾	¾	115	100	CI	Fence, miter gauge incl.
Pro-Tech 3203	169	9	3%	0, 45	M	¾	¾	115	31	A	Rack and pinion guide post and trunnions.
Ryobi BS900	169	9	3%	45, 45	M	¾	¾	115	30	A	Miter gauge, wheel brush incl.
Craftsman 21450	210	11	3	0, 45	M	¾	¾	115	32	A	3-wheel saw; variable speed.
Tradesman 8160A	149	10	3%	5, 45	BB	¾	¾	115	36	A	Sanding disc opt.
Inca 205	399	8	5%	0, 45	M	¾	¾	115	36	A	Rip fence standard.
Inca 340	795	10%	6%	0, 45	CB	¾	¾	115	80	A	Rip fence standard.
General 490	1,012	15	8	10, 45	M	¾	—	—	210	CI	Motor not incl; 1-pc. cast-iron frame.
Tradesman 8175	499	15	6%	0, 45	BB	¾	¾	115	100	CI	3-wheel saw; sanding disc incl.
Delta 28-195	390	10	7	3, 45	CB	¾	¾	115	75	A	Lamp and miter gauge incl.
Craftsman 24835	350	12	6	—	M	¾	¾	115	130	A	Head tilts 45°.
Jet JWBS-1205	399	12	6	10, 45	M	¾	¾	115	158	CI	Hinged doors.
Delta 28-190	497	12	6	3, 45	M	¾	¾	115	120	A	Built-in dust collector.
Bridgewood PBS-320	659	13	6%	0, 45	M	1	1	115/230	143	S	Cast-iron wheels; fence incl.
Laguna LT 13	795	13	6%	0, 45	CB	¾	¾	115	140	S	Cast-iron wheels; fence incl.
Craftsman 22414	550	14	6	15, 45	M	¾	¾	115	202	CI	Dust chute incl.
Delta 28-275	801	14	6%	10, 45	M	¾	¾	115	201	CI	Micro-adj. guides.
Delta 28-280	1,076	14	6%	10, 45	M	¾	1	115	224	CI	Micro-adj. guides.
Grizzly G1019	300	14	6	10, 45	M	¾	¾	115/230	200	CI	Fence, miter gauge incl.
Jet JWBS-14CS	729	14	6	10, 45	P	¾	1	115	185	CI	Micro-adj. guides.
Jet JWBS-14MW	809	14	6	10, 45	P	¾	1	115	194	CI	3 speeds.
Jet JWBS-14OS	649	14	6	10, 45	P	¾	¾	115	172	CI	Micro-adj. top guides.
Jet JWBS-C14CS	909	14	6	10, 45	BB	¾	1	115	188	CI	Carter guides incl.
Jet JWBS-C14MW	829	14	6	10, 45	BB	¾	1	115	197	CI	Carter guides incl.
Jet JWBS-C14OS	979	14	6	10, 45	BB	¾	¾	115	175	CI	Carter guides incl.
Lobo BS-0143	329	14	6	10, 45	P	¾	¾	115	176	CI	3 speeds.
North State WA-14M	450	14	6%	10, 45	M - lower, BB - upper	¾	1	115/230	250	CI	
Powermatic 044	796	14	9	15, 45	BB	¾	1	115/230	214	S	
Powermatic 141	1,984	14	6%	15, 45	BB	¾	¾	115/230	375	CI	1-piece, cast-iron frame.
Reliant DD90	330	14	5%	10, 45	M	¾	1	115/230	168	CI	4 speeds.
Ridgid BS1400	499	14	6	10, 45	M	¾	¾	115	195	CI	Micro adj. sanding belt with guides; platen incl.
Tradesman 8157	329	14	6%	10, 45	BB	¾	1	115/230	162	CI	2 speeds; fence incl.
Transpower SB500	265	14	6	10, 45	CB	¾	1	115	195	CI	3 speeds.
Grizzly G1019Z	325	14%	6	15, 45	M	¾	¾	115	158	CI	2 speeds; fence, miter gauge incl.
Hitachi CB75F	4,913	14%	11%	0, 45	P - lower, BB - upper	3	2%	115	309	S	Stellite tipped blade incl.
Bridgewood BW-15BS	295	15	6	10, 45	M	1	¾	115	172	CI	2 speeds.
Craftsman 24393	699	15	8%	0, 45	M	¾	¾	115	220	S	2 speeds; cast-iron fence, miter gauge incl.
General 490-1-M1	1,418	15	6%	10, 45	M	¾	¾	115/230	300	CI	Solid 1-pc. cast-iron frame.

Continued on page 32

Lee Valley & Veritas®



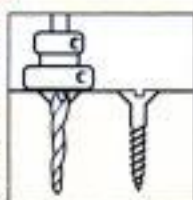
A selection of drilling products from our full-color 248-page catalog.

Drill Bit/Countersink/Counterbore Boxed Sets

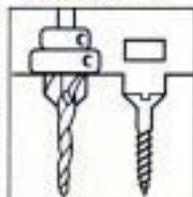
These combination units are specifically designed for woodworkers. The high-speed steel tapered drill bits are precisely ground on a CNC grinder and match the shapes of wood screws so that screw threads grip for the entire length of the screw. Drills are suitable for both hard and soft woods and are about 4" long. Our countersink/counterbore units are hardened; they are also sharpened after hardening. Used with a stop collar, they let you set the unit for a wide range of screw lengths for everything from flush countersinking to a full 1/2" of counterbore.

The set of 5 (for screw sizes #5, 6, 7, 8, and 10) contains 5 countersink/counterbores, 5 taper-point bits, 2 stop collars (3/8" and 1/2"), and 2 hex keys. The set of 8 adds the drills and counterbores for screw sizes #9, 12, and 14. Both sets include a foam-lined plastic storage box with space for additional drivers or bits. Individual components are offered in our catalog. Made in USA and France.

AW0150 Boxed Set of 5 \$39.95
AW0151 Boxed Set of 8 \$59.95



Countersink

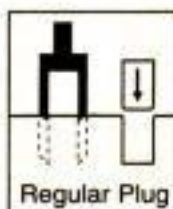


Counterbore

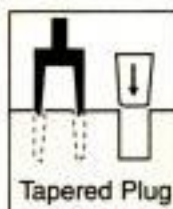
B Veritas® Tapered Snug Plug® Cutters

Snug Plug cutters are designed to cut slightly tapered plugs and shave the sides as they cut, producing very smooth plugs. Just tap the tapered plug into a hole until you meet resistance, then cut off the excess. The result is a plug that fits perfectly, with a nearly invisible line between the plug and the workpiece. It is difficult to believe how nice a plugging job you can do until you actually use one. The set of three includes 1/4", 3/8" and 1/2" dia. cutters. 3/8" shanks. Made in Canada.

AW0165 Set of 3 Snug Plug® Cutters \$27.95



Regular Plug



Tapered Plug

Lee Valley Drilling Kit

In good-quality work the proper drilling accessories can make a tremendous difference. This kit, in a tough, foam-lined plastic storage case, is a precision woodworking outfit. It contains five of our top-quality tapered bits with matching countersinks (for screw sizes #6, 8, 10, 12, 14), 3/8" and 1/2" stop collars, two hex keys, and our patented Veritas® 3/8" and 1/2" Snug Plug® cutters to complete the kit. The box also has space for additional drivers or bits. This is a most useful ensemble for any woodworker.

AW0160 Lee Valley Drilling Kit \$54.95

HSS Lipped Brad-Point Drills

These are the best brad-point drills we have ever offered. Starting with a top-of-the-line American-made twist drill, we reshape and sharpen the tips on a state-of-the-art CNC grinder. Made from high-speed steel, the bits are not subject to burning, and stay sharp about 10 times as long as carbon steel bits. The polished flutes give superior chip clearance, and the sharply defined lips have a slight negative rake angle on the lip tips to score the hole perimeter for clean entry and smooth sidewalls. The bits are extremely accurate in diameter.



We carry an extensive line of individual sizes from 5/64" to 1". Our most popular sets are offered here. Shank to size for bits up to 3/8" and 3/8" dia. shank up to 1/2". All are jobber length (2" long with 1" of fluting for the 5/64" bit to 6" long with 3 3/4" of fluting for the 1/2" bit).

The set of 7 includes sizes 1/8", 3/16", 1/4", 5/16", 3/8", 7/16" and 1/2" bits and comes in a vinyl pouch. The sets of 12 and 28 are in 64th increments and come in steel index boxes; the set of 12 covers all clearance and tap holes for screw sizes #2 to #16.

AW0140 Set of 3 (1/4", 3/8", 1/2") \$ 18.95

C. AW0141 Set of 7 (1/8" to 1/2") \$ 34.95

D. AW0142 Set of 12 (5/64" to 1/4") \$ 24.95

AW0143 Set of 28 (5/64" to 1/2") \$119.00



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Bandsaws

KEY: Blade Guide Type: BB = ball bearing, CB = Cool Blocks, CR = carbide, ES = Euro-style ball bearing, M = metal blocks, P = plastic blocks. — = not applicable. Frame Material: A = aluminum, CI = cast iron, S = steel. New models in red.



Craftsman 24393



Laguna LT 16 HD



Bridgewood PBS-440

See page 5
for listing of manufacturers.

FLOOR

Brand & Model	List Price	Size (in.)	Resaw Capacity (in.)	Table Tilt Left, Right (°)	Blade Guide Type	Maximum Blade Width (in.)	HP	Volts	Weight (lb.)	Frame Material	Comments & Features
General Int'l 90-100M1	\$605	14	7	0, 45	M	1	1	115	210	S	Fence incl.; 2 speeds.
General Int'l 90-150M1	890	15	7½	0, 45	M	1	1	115/230	242	S	Fence incl.; 2 speeds.
Grizzly G1148	445	15	7½	10, 45	M	¾	¾	115/230	180	S	2 speeds; fence, miter gauge incl.
Euroshop B-16	1,595	16	10	5, 45	ES	1	2	230	288	S	Fence, foot brake with kill switch incl.
Grizzly G1073	595	16	7½	0, 45	M	1	1½	115/230	430	CI	3 speeds; fence, miter gauge incl.
Laguna LT 16	1,195	16	12	5, 45	ES	1	1½	230	290	S	2 dust ports; foot brake incl.
Laguna LT 16 HD	1,695	16	12	5, 45	ES	1½	3	230	350	S	
Laguna LT 16 SEC	1,395	16	12	5, 45	BB	1	2½	230	305	S	Carter guides, fence, foot brake incl.
Lobo BS-0163	619	16	10	10, 45	ES	1	1½	115/230	290	CI	3 speeds.
Reliant EE166	500	16	10½	5, 45	M	1	1½	115/230	286	CI	3 speeds.
Star S3502N	725	16	9½	10, 45	BB	1	2	115/230	235	CI	3 speeds, fence incl.
Transpower SB600	560	16	10	10, 45	CB	1	1½	115	242	CI	3 speeds.
Bridgewood PBS-440	1,795	18	12	5, 45	ES	1½	3	230	480	S	Rack & pinion guide post.
Craftsman 24396	1,199	18	11	0, 45	M	1	1	115	330	S	2 speeds; cast-iron fence, miter gauge incl.
Euroshop B-18	1,895	18	12	5, 45	ES	1	2½	230	390	S	Fence, foot brake with kill switch incl.
General Int'l 90-200M1	1,295	16	10	0, 45	M	1	1½	115/230	310	S	2 speeds; fence incl.
General Int'l 90-250M	1,725	18	10	0, 45	M	1	2	230	330	S	2 speeds; fence incl.
Grizzly G1012	695	18	10	0, 45	M	2	1½	230	350	CI	3 speeds; fence, miter gauge incl.
Grizzly G4186Z	895	18	10	10, 45	M	1	1½	115/230	265	S	Rack and pinion guide post; mag. switch.
Jet JWBS-18-1	1,499	18	10	10, 45	ES	1½	1½	115/230	320	S	Fence, miter gauge incl.
Laguna LT 18	1,995	18	12	5, 45	ES	1½	3	230	400	S	Micro-adj. guides; foot brake incl.
Laguna LT 18 RM	3,295	18	15½	5, 45	ES	2	5	230	550	S	Micro-adj. guides; foot brake incl.
Lobo BS-0181	899	18	9½	10, 45	ES	1½	1½	115/230	420	S	2 speeds.
Mini Max S45	1,895	18	10	0, 45	ES	¾	2½	230	330	CI	3-phase opt.
North State WBS1803	795	18	10½	10, 45	M	1½	2	115/230	425	S	3 speeds.
Transpower SB800	635	18	9½	10, 45	CB	1½	2	115/230	425	CI	3 speeds.
Delta 28-640	2,934	20	11	4, 45	BB	1	2	230	585	S	Cast-iron fence; foot brake incl.
Delta 28-653	4,970	20	13½	12, 45	M	1	3	230	786	S	2 speeds; foot brake incl.
Delta 28-662	8,431	20	13½	12, 45	M	1	3	230	972	S	Variable speed.
Euroshop B-20	3,095	20	13	5, 45	ES	1½	3	230	458	S	Rack and pinion guide post; fence incl.
General 390	3,200	20	12½	10, 45	M	1	2	230	900	CI	2 speeds.
General Int'l 90-350	2,200	20	11	0, 45	M	1	2	230	585	S	2 speeds; Carter guides opt.
Grizzly G1258	1,295	20	14	0, 45	BB	2	3	230	580	S	Mag. switch; foot brake incl.
Inca 710	1,695	20	8	45, 0	BB	1	1½	115/230	160	A	3-wheel saw.
Jet JWBS-20-3	2,659	20	11½	10, 45	ES	1	2	230/460	880	CI	Fence, miter gauge, foot brake incl.
Lobo BS-0202	1,599	20	11½	10, 45	ES	1½	3	115/230	750	S	2 speeds.
North State WBS-20	1,495	20	11	10, 45	BB	1½	3	230	700	S	Micro-adj. guides.
Seco SK-20BS	1,546	20	10	10, 45	BB	1	3	230	816	S	
Star S3506	1,325	20	12	10, 45	BB	1½	3	115/230	600	S	Fence, miter gauge, foot brake incl.
Woodtek 811709	1,815	20	12½	0, 45	BB	1	2	230	727	S	Foot brake incl.
Bridgewood PBS-540	2,195	22	14	5, 45	ES	1½	4.8	230	535	S	Fence; foot brake; micro sw. on doors/foot brake.
General Int'l 90-600	3,800	24	14	0, 45	M	3	¾	230	990	S	Fence incl.
General Int'l 90-450	2,795	24	13	0, 45	M	1½	3	230	650	S	2 speeds; carter guides opt.
Jet JWBS-24-1	3,699	24	13½	10, 45	M	1½	3	230	820	S	Fence, miter gauge, foot brake incl.
Jet JWBS-24-3	3,699	24	13½	10, 45	M	1½	3	230/460	820	S	
Lobo BS-0242	2,090	24	11½	10, 45	ES	1½	3	230/460	880	S	2 speeds.
North State WBS24	1,900	24	11	10, 45	BB	1½	5	230	800	S	Micro-adj. guides.

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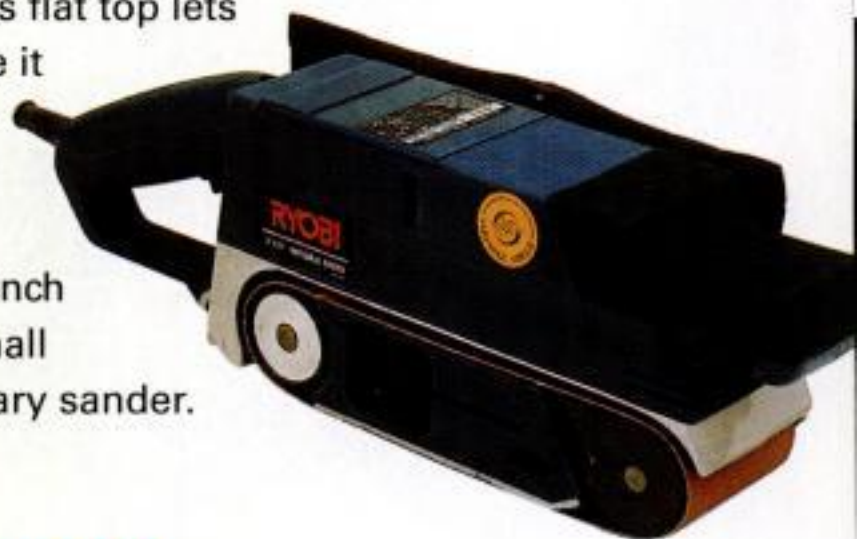
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Belt Sanders

2 Types of Belt Sanders

In-Line

With the motor parallel to the sanding belt, in-line sanders have a low center of gravity which can make the tool less prone to tipping. This sander's flat top lets you use it upside down on a workbench as a small stationary sander.



Transverse

With the motor at right angles to the sanding belt, transverse sanders are typically heavier and sand more aggressively than in-line sanders.



This powerful sander smooths and levels glued-up panels, shapes curves, fine-tunes joint parts and can even be used to sharpen a chisel. Versatility, power and rapid stock removal make it standard equipment in nearly every woodworking shop. Common sizes, measured in belt width and length, are 3 x 21-in., 3 x 24-in. and 4 x 24-in. The largest is faster for flat surfaces, the smaller is more maneuverable.

PHOTO BY KRIVIT PHOTOGRAPHY

Features

Weight

Belt sanders weigh from 5 to 16 lbs. When sanding horizontal surfaces, the most common shop use, a heavier machine will be more stable and cut more aggressively. Carpenters generally prefer smaller, lighter machines.

Platen

A sander's platen width (3 or 4 in.) determines how much sandpaper actually contacts the work surface. Check for a flat platen before buying a sander. A cast-aluminum platen is generally flatter and more rugged than a stamped-steel platen.



Slip Plate

This plate—between the sandpaper and the platen—is usually graphite or tempered steel. Graphite slip plates conform better to the platen and help you sand flatter, but the sander with a graphite slip plate costs more.

Power

High amp rating is a better indicator of how aggressive the tool is than high horsepower rating.

Variable Speed

Variable speed allows you to slow down the belt when sanding veneer or small parts and prevent burning the workpiece when using fine-grit belts.



Dust Collection

Models with a small dust bag won't get in the way or block your view, but a large bag doesn't have to be emptied as often. Also consider a model with a dust port for hookup to a shop vacuum.

Noise

Most belt sanders are very noisy, so plan on wearing hearing protection. Some are noticeably quieter, for example the Whisper models from Porter-Cable.

Options/Accessories

SANDING FRAME. This accessory works like the sole of a plane, allowing the sander to remove high spots by skipping over low ones. Available from individual manufacturers.



BENCH-MOUNT OR INVERSION

STAND. Consider buying a sander fitted for stationary use in a stand. It simplifies shaping and sanding small parts. Available from individual manufacturers.



BELT CLEANER. Abrasive cleaner sticks work like a giant pencil eraser to clean belts gunked-up with resin and sawdust. Available from Klingspor's; (800) 228-0000.

GRAPHITE SLIP PLATE. Cloth-backed, graphite padding material to make your own low-friction slip plates. Available from Klingspor's; (800) 228-0000.

Belt Sanders



Craftsman 27725



Porter-Cable 503



Makita 9911



DeWalt DW431



Hitachi SB10T

IN-LINE

TRANSVERSE

Brand & Model	List Price	Belt Width x Length (in.)	Belt Speed (ft./min.)	Amps	Platen Width x Length (in.)	Dust Collection	Weight (lb.)	Comments & Features
Skil 7313-44	\$107	3 x 18	700	4.5	3 x 5	DB	5.4	Auto-tracking belt control.
Bosch 1274DVS	326	3 x 21	550 - 1,100	6.6	3 x 5	DB, VP	7.1	Graphite platen; removable front handle.
Craftsman 27725	150	3 x 21	775 - 1,150	6	3 x 5½	DB	9	Variable speed; quick release belt lever.
Ryobi BE321	149	3 x 21	775 - 1,150	5.4	3 x 5½	DB	8	Single-lever belt release; variable speed.
Porter-Cable 503	780	3 x 24	1,500	9	5½ x 3	DB, VP	15	Quick-release belt lever.
Porter-Cable 504	732	3 x 24	1,600	9	5½ x 3	—	15.5	
Makita 9401		4 x 24	1,150	8.5		DB	16.1	Powerful motor.
Makita 9403	416	4 x 24	1,640	11	4¼ x 5¼	DB, VP	13	Low decibels.
Makita 9900B	225	3 x 21	1,180	7.8	4 x 5½	DB	7.8	Quick release belt lever.
Makita 9901	202	3 x 21	1,246	6.7	3½ x 5	DB	7.7	Compact.
Makita 9910	202	3 x 18	900	5.6	3½ x 5½	DB, VP	5.7	Extremely quiet.
Makita 9911	225	3 x 18	250 - 900	5.6	3½ x 5½	DB, VP	5.7	Extremely quiet.
Makita 9921	416	3 x 24	1,640	11	4¼ x 5¼	DB, VP	12.1	Low decibels.
Makita 9924DB	333	3 x 24	1,300	7.8	3½ x 6¼	DB	10.8	Quick release belt lever.
Skil 7313	98	3 x 18	700	4.5	3 x 5	DB	5.4	Auto-tracking belt control; quick-release belt lever.
Craftsman 11712	60	3 x 21	1,100	4.7	3½ x 5	—	7.8	Front auxiliary grip.
Craftsman 11713	80	3 x 21	1,300	7.5	3½ x 5	—	8.8	Quick-release belt lever; Memory Trac.
DeWalt DW430	300	3 x 21	1,100	5.2	3 x 4¼	DB	6.2	Automatic belt tensioning.
DeWalt DW431	338	3 x 21	475 - 1,100	5.2	3 x 4¼	DB	6.2	Automatic belt tensioning; variable speed.
Hitachi SB75	325	3 x 21	1,475	8.7	4¼ x 5	DB	9.7	Quick-release belt lever.
Porter-Cable 351	310	3 x 21	1,300	7	4¼ x 3	—	12	Quick-release belt lever.
Porter-Cable 352VS	332	3 x 21	850 - 1,300	7	4¼ x 3	DB, VP	12.5	Quick-release belt lever.
Bosch 1275DVS	410	3 x 24	1,150 - 1,550	10.5	3 x 6	DB, VP	12.5	Adj. front handle; replaceable wear inserts.
Porter-Cable 360	402	3 x 24	1,500	12	5½ x 3	DB, VP	14.5	Whisper series (low decibel).
Porter-Cable 360VS	429	3 x 24	1,000 - 1,500	12	5½ x 3	DB, VP	14.5	Whisper series (low decibel).
Porter-Cable 361	389	3 x 24	1,500	12	5½ x 3	—	14.5	Whisper series (low decibel).
Craftsman 11792	110	4 x 21	1,300	7.5	4¼ x 5	DB	11	Quick-release belt lever; Memory Trac.
Bosch 1276D	410	4 x 24	1,550	10.5	4 x 6	DB, VP	13.5	Adj. front handle; sanding frame, stand opt.
Bosch 1276DVS	443	4 x 24	1,150 - 1,550	10.5	4 x 6	DB, VP	13.5	Adj. front handle; sanding frame, stand opt.
Hitachi SB10T	436	4 x 24	1,380	8.7	4¼ x 7	DB	11.7	Quick-release belt lever.
Milwaukee 5936	495	4 x 24	1,400	10	4 x 6½	DB	14.5	Quick-release belt lever; includes 80-grit belt.
Porter-Cable 362	417	4 x 24	1,500	12	5½ x 4	DB, VP	15.5	Whisper series (low decibel).
Porter-Cable 362VS	446	4 x 24	1,000 - 1,500	12	5½ x 4	DB, VP	15.5	Whisper series (low decibel).
Porter-Cable 363	404	4 x 24	1,500	12	5½ x 4	DB, VP	15	

See page 5
for listing of manufacturers.

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For Bosch Sanders



Grit	Price	Dia.	Grit	Price
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5*	80 .46	6"	80	.63
5*	100* .45	6"	100*	.62

Note: * = thru 320 grit * Now in 5 hole pattern *

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Belt-Disc



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It's two sanders in one! The flat face of the disc sander is great for finish fitting project parts, altering bevel angles on board edges, sanding convex curves "to the line" and sanding end-grain without burning. The belt sander sands flat or convex surfaces on the middle of the belt and concave surfaces on the curved, roller end of the belt. Tables pivot and lock at the angle you need.

Sanders

2 Types of Belt-Disc Sanders

Benchtop

Typically, benchtop sanders are just as heavy and powerful as floor models and can save on valuable floor space. Placed on a shop-made stand, you'll still have plenty of storage space below.



Floor

Floor models range from a machine mounted on an open stand to a unit with a 1-hp or larger motor in a large, enclosed base. The open-stand version is more affordable, though heavy production work may demand more power.



Features

Size

The belt size on belt-disc sanders is the same: 6-in. wide by 48-in. long. But disc diameter varies from 6 in. to 12 in. Larger discs allow you to sand larger surfaces, but as with any disc sander, you can only use the left side of the table where the disc rotates downward.

Tables

A good sander will have sturdy cast-iron tables that are machined flat, with miter-gauge slots parallel to the sanding disc or belt platen (see photo below). Better sanders have two tables—one for the disc and one for the belt—which adjust on trunnions (semicircular supports which allow you to tilt and clamp the table at a desired angle). Cast-iron trunnions are sturdier than steel or aluminum ones. The table should tilt smoothly and lock rigidly in place without shifting the table's angle.



Belt Tracking Controls

Look for a locking mechanism that keeps the belt from drifting off track while it's running. All belt-disc sanders have a tracking adjuster; typically, you turn a knob while the machine is running to center the sanding

belt on the end rollers. Not all models have a lock for the setting.

Quick Belt Release

This time-saving feature lets you change the sanding belt without having to loosen and retighten a belt-tensioning screw.

Dust Collection

Belt-disc sanders generate enormous amounts of fine dust. It's inconvenient to turn on your dust collector every time you want to touch up a small piece of wood. However, if you occasionally do a lot of sanding or if you're planning on production work, a dust-collection port is a must.

Belt and Disc Speed

Check the rpm of the belt and disc before buying a sander. Higher rpm means faster sanding, but also increases the risk of burning the wood.



Belt Position

On most models, you can position the belt anywhere between horizontal and vertical (see photo, above right).

Options/Accessories

DELTA SANDING CENTER

Belt-disc sanders are generally straightforward machines without many accessories. The exception is the Delta Sanding Center, which can be outfitted with pneumatic drums (see photo above), flap-wheels, a flexible shaft and other accessories. Call Delta for more information; (800) 438-2486.

Whichever kind of belt-disc sander you use, be sure to have strong dust collection (see p. 66) or you'll be buried alive.

GET MORE

The new MultiMaster is three tools in one: detail sander, scraper and flush-cut saw.

Detail Sander

The MultiMaster's patented oscillating motion and special triangle sanding pad permit aggressive sanding along delicate edges and in tight corners.



Flush Cut Saw Blade

Smoothly undercuts floor jambs for floor coverings. Plunge cuts into wall board. Cuts wood, plaster and PVC. But because it oscillates, it won't cut you.



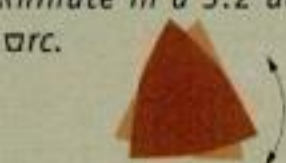
Rigid Scraper

Easily removes old putty, caulking and flooring adhesives. Great for scraping paint and varnish or lifting linoleum.



Oscillation

Only the MultiMaster oscillates at a rate of 21,000 strokes per minute in a 3.2 degree arc.



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Get even more. The optional Professional Kit includes a carbide rasp, a grout-cutting saw blade, and a segment knife.

Carbide Rasp

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Grout-Cutting Saw

Blade cuts grout to remove damaged tile without breaking surrounding tiles or creating excessive dust.



Segment Knife

Easily slices rigid materials like floor tiles, linoleum, carpet, plastic and leather.



The Fein MultiMaster is a true multi-purpose tool that saves hours of time. With the MultiMaster, finishing is just the beginning.



Finishing is just the beginning.



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Belt-Disc Sanders

KEY: Material: A = aluminum, CI = cast iron, S = steel.
Y = yes, N = no, OPT = optional. **New models in red.**

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Brand & Model	List Price	Disc Dia. (in.)	Number of Tables, Material, Trunnion Material	Disc/Belt Speed (RPM/ft./min.)	HP	Quick Belt Release	Dust Coll. Port
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BENCHTOP

Belsaw MC-4/6BD	\$175	6	1, A, A	1,720/ 2,200	¾	Y	N
Powermatic 84	532	10	2, CI, CI	2,000/ 2,500	1	Y	Y
Grizzly G1183	399	12	2, CI, A	3,450/ 5,000	1	Y	Y
Grizzly G1276	439	12	2, CI, A	1,725/ 2,500	1	Y	Y
Jet JSG-6DC	999	12	2, CI, CI	1,750/ 2,500	1½	Y	Y
Woodtek 923810	529	12	2, CI, CI	1,720/ 2,250	2	Y	Y

FLOOR

Belsaw MC-6/9BD	525	9	1, CI, CI	1,725/ 2,100	¾	Y	N
Craftsman 22595	299	9	2, A, CI, CI	3,450/ 2,700	¾	Y	Y
Delta 31-695	441	9	1, A, A	2,800/ 2,200	1	Y	Y
Grizzly G1014Z	170	9	1, CI, S	1,720/ 2,323	¾	Y	Y
Lobo SD-0069	249	9	1, CI, CI	1,725/ 1,356	¾	N	N
Reliant DD79	230	9	2, CI, CI	1,725/ 2,100	¾	Y	N
Star S3401	199	9	1, A, S	2,700/ 2,100	¾	Y	Y
Star S3501	185	9	1, CI, CI	2,700/ 2,100	¾	Y	Y
Tradesman 8190	249	9	2, CI, CI	1,725/ 2,100	¾	N	OPT
Woodtek 814253	269	9	1, CI, CI	1,725/ 2,100	¾	Y	Y
General Int'l 15-030	645	10	2, CI, S	2,100/ 1,650	1	Y	Y
General Int'l 15-015MI	807	12	2, CI, S	2,000/ 1,570	1	Y	Y
Delta 31-280	1,012	12	2, CI, CI	2,500/ 1,971	1½	Y	Y
Delta 31-730A	1,776	12	2, CI, CI	2,100/ 3,030	1½	Y	Y
General Int'l 15-035	690	12	2, CI, CI	3,450/ 2,500	1½	Y	Y
Lobo SD-0612	479	12	2, CI, CI	1,800/ 2,323	1½	Y	Y
Powermatic 31	1,786	12	2, CI, CI	2,400/ 2,850	1½	Y	Y
Star S3402	450	12	2, CI, CI	2,000/ 1,576	1	Y	Y



Craftsman 22595



Grizzly G1014Z



Delta 31-280

See page 5 for listing of manufacturers.

DELTA TOOLS		
Model	Description	List Sale
31-750	NEW Bench Random Orbit Sander	199
28-150	NEW 9" Bench Band Saw	155
50-860	250 CFM Air Cleaner	239
31-695	6" Belt/9" Disc Sander	441
23-710	Sharpening Center	217
31-460	4" Belt/3" Disc Sander	198
40-560	16" 2 speed Scroll Saw	230
40-540	16" vari/spd Scroll Saw	249
11-990	12" Bench Drill Press	255
11-090	32" Radial Bench Drill Press	405
43-505	1/2" Bench Router/Shaper	298
22-540	12" Bench Top Planer	259
22-560	12-1/2" Planer w/ extra knives	329
36-865	Versa Feeder Stock Feeder	249
36-220	10" Compound Miter Saw	294
37-070	6" vari/spd Bench Jointer	351
14-650	Hollow Chisel Mortiser with chisels and bits	380
17-900	16-1/2" Floor Drill Press	490
17-824	Mortise Chisel Kit	65
36-285	8-1/4" Builders Saw w/ stand	275
34-555	Sliding Table	487
36-250	10" Slide Compound Saw	425
31-780	Oscillating Spindle Sander	253
46-700	12" Wood Lathe	575
40-650	Q3 18" Scroll Saw	389
36-905	30" Unifence	346
36-906	50" Unifence	444
36-444	10" Contractors Table Saw	589
33-630	10" Radial Arm Saw	851
37-285	NEW 6" Jointer w/ stand	424
37-380	NEW 8" Professional Jointer	1500
Single Stage Dust Collectors		
50-850	1-1/2 HP, 1200 CFM	295
50-851	2 HP, 1500 CFM	495

The following tools have a \$50.00 rebate! Price shown is before rebate.

36-475	10" Platinum Edition Contractors Table Saw w/ 30" unifence, cast iron wing, table base & carbide blade	849
22-675	DC380 15" Planer	1175
28-275	14" Band Saw 3/4 HP	595
28-280	14" Band Saw 1 HP motor with enclosed stand	739
28-255	14" Platinum Edition Band Saw - 1 HP w/ mobile base, 18" rip fence, & 3/8" blade	849
31-280	Sanding Center w/ stand	789
37-190	6" Deluxe Jointer	603
37-195	6" Professional Jointer	625

MILWAUKEE TOOLS		
6527-6	Sawzall with case	343
6537-226527	w/quick lock blade change	224
0407-2212V	Drill w/keys chuck&2 batt	380
0224-1	3/8" Drill 4.5 amp magnum	236
0234-6	1/2" Drill 4.5A mag 0-850 rpm	255
0235-6	1/2" Drill w/keyless chuck	255
0244-1	1/2" Drill 4.5A mag 0-600 rpm	255
0222-1	3/8" Drill 3.5 amp 0-1000 rpm	128
0228-6	3/8" Drill 3.5 amp 0-1000 rpm	207
0375-6	3/8" close quarter Drill	255
0379-1	1/2" close quarter Drill	288
0546-6	Screwdriver 200 & 400 rpm	150
0547-6	6546-6 w/bits, 1/4" chuck & cs185	112
5399	1/2" D-hole Hammer Drill Kit	356
5397-6	3.8" w/ spd Hammer Drill Kit	275
5371-6	1/2" w/ spd Hammer Drill Kit	360
6145	4-1/2" Grinder 10,000 rpm	179
6494-6	10" Compound Miter Saw	585
6266-6	Top Handle Jig Saw	315

FREUD CARBIDE TIPPED SAW BLADES		
Item	Description	Teeth List Sale
L7U2M010	Gen Pur. A.T.B. 10" 40	69 42
L8U2M010	Cut-off 10"	60 32
L8U4M011	Comb 10"	50 78
L8U8R010	Super Cut-off 10"	80 114
LM72M010	Ripping 10"	24 69
LU73M010	Cut off 10"	60 84
LU87R010	Thin Kerf 10"	24 72
LU88R010	Thin Kerf 10"	60 88
LU98R010	Ultimate 10"	80 128
LU91M010	Compnd Mitr 10"	60 88
F410	Quiet Blade 10"	40 95
SD308	8" Dado - Carbide	230 119
SD508	8" carbide w/case & shims	344 172
FB100	16 piece Forstner Bit Set	338 194
94-100	5 pc. Router Bit Door System	320 169
FT2000E	Plunge Router	385 185

HITACHI TOOLS		
C8F82	8-1/2" Slide Compound Saw	1189
C10F5	10" Slide Compound Saw	1627
C15F8	15" Mitr Saw	1346
C10FCD	NEW 10" dust bevel Compound Mitr Saw	550
NT45AB	Coil Router Nailer	335
NT50AE	NEW Finer 3/4" - 2"	315

MAKITA TOOLS		
Model	Description	List Sale
5090DW	3-3/8" Saw Kit 9.6 volt	280 139
DA391D	3/8 angle Drill 9.6V	166 95
DA391DW	3/8" angle Drill Kit 9.6V	341 139
6095DWE	9.6 volt Drill Kit w/2 batt	125
6095DWE2	6095DWE w/flashlight	139
632007-4	9.6 volt Battery	47 30
632002-4	7.2 volt Battery	39 28
NEW 18 VOLT MAKITA TOOLS		
6343DWA	1/2" Drill Kit	255
5620DWA	6-1/2" Circular Saw Kit	255
DK1016	1/2" Drill & 6-1/2" Saw combo kit	389
CORDLESS DRILLS		
WITH 2.0 AMP HIGH CAPACITY BATTERIES		
6213DWA	12V 3/8" Drill Kit	325 169
6233DWA	14.4V 3/8" Drill Kit	358 205

9900B	3x21" Belt Sander w/bag	347 165
99240B	3x24" Belt Sander w/bag	360 169
N1900B	3-1/4" Planer with case	263 142
1912B	4-3/8" Planer	352 205
N9514B	4" Disc Grinder 4.6 amp	118 65
DA3000R	3/8" Angle Drill	355 185
2708W	8-1/4" Table Saw	637 295
6405	3/8" Drill Rev. 0-2100 rpm	115 65
6013BR	1/2" Drill Rev. 6 amp	270 149
9401	4" x 24" Belt Sander w/bag	458 219
5007NBK	7-1/4" Circ Saw w/case	250 125
LS1011	10" Slide Compound Saw	595 429
LS1211	12" Slide Compound Saw	1620 695
3901	Plate Joiner Kit	376 159
3612C	3 HP Plunge Router	492 265
LS1040	10" Compound Miter Saw	460 259
LS1013	10" Dual Compound Slide Miter Saw	1088 599
BO5010	5" Random Orbit Sander	142 69
LS1220	12" Compound Miter Saw	379
9227C	7/8" Polisher	350 195
5J401	16" Bench Scroll Saw	300 175
2702	8-1/4" Table Saw	399
2703	10" Table Saw	309

SENCO AIR NAILERS		
SPN30	NEW Finishing Nailer w/ cse	459 229
SNS45	Stapler 7/16" crown, 1" - 2"	540 365
SLP20	Pinner w/cs 5/8 - 1-5/8"	422 179
SKS	Stapler 5/8 - 1-1/2"	390 239
SN70	Framing - Clip Hd 2 - 3-1/2"	725 449
SN65	Framing - Full Hd 2 - 3-1/2"	709 375
SN600	NEW Framing 2 - 3-1/2"	699 379
SPN40	Finish Nailer 1-1/4 - 2-1/2"	569 349
BOSTITCH AIR NAILERS		
Model	Description	List Sale
N80S-1	Stick Nailer	256 299
RN45	Coil Roof Nailer 3/4 - 1-3/4"	845 339
N60FN-2K	Finishing Nailer w/ case	557 269
BT35-2K	Brad Tacker 5/8" - 1-3/8" with case, oil, & brads	279 125
MIHFS	Flooring Stapler 15 gauge	902 539
S325X-1K	Finish Stapler 1/2" - 1-3/8" with case & oil	269 135

JORGENSEN ADJUSTABLE HANDSCREWS		
Item#	Jaw Opening Length Capacity	List Sale of 6
#0	8" 4-1/2"	20.35 12.50 69.95
#1	10" 6"	23.30 13.95 78.95
#2	12" 8-1/2"	26.75 15.75 88.95
#3	14" 10"	33.85 19.95 114.95

PONY CLAMP FIXTURES		
Model	Description	List Sale of 12
50	3/4" Black Pipe	15.45 8.50 94.00
52	1/2" Black Pipe	12.65 6.95 70.00

PANASONIC CORDLESS		
EY6431NQK	NEW 1/2" 15.6V drill kit with two 3 amp-hr Ni-Mh batteries, 45 minute charger, & case	389 205
EY6431FOK	NEW 1/2" 15.6V drill kit with two 2 amp-hr Ni-Cad batteries, 30 minute charger, & case	339 189
EY6407NQK	NEW 1/2" 12V drill kit with two 3 amp-hr Ni-Mh batteries, 45 minute charger, & case	339 189
EY6406FOK	NEW 3/8" 12V drill kit with two 2 amp-hr Ni-Cad batteries, 30 minute charger, & case	305 169
EY3503FOK	W-3/8" 12V Wood Cutting Circular Saw Kit	500 259

BIESEMEYER FENCES		
B-50	50" Commer. Saw	443 325
T-SQUARE 52	52" Homeshop	360 275
T-SQUARE 40	40" Homeshop	335 255
T-SQUARE 28	28" Homeshop	325 245

AIRY AIR NAILERS		
Model	Description	List Sale
0241SK	Brad Nailer 3/8" - 1-9/16"	180 98
0626SK	1/4" Crown Stapler 3/8" - 1-1/4"	89

STABILA LEVELS		
25010	10' die cast Torpedo Level	21.95
24640	24" Level w/ hand holes	47.95
24670	48" Level w/ hand holes	59
24632	NEW "Jambor Set" designed for setting door jacks. Includes 76" level and 32" level	129

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DEWALT TOOLS		
Model	Description	List Sale
DW124K	1/2" right angle Drill	590 329
DW321K	Top Handle Jigsaw Kit	300 164
DW364	7-1/4" Circ. Saw w/brake	294 155
DW610	1-1/2 HP 2 handle Router	266 149
DW411K1/4	sheet Palm Sander w/ cse	188 58
DW682	Biscuit Joiner with case	448 169
DW705	12" Compound Mitr Saw	734 339
DW521	2 HP Plunge Router	400 199
DW677K	3-1/4" Planer with case	268 155
DW421	3 x 21" w/spd Belt Sander	338 168
DW431	5" Palm Ran. Orb Sander	144 75
DW423	Palmgrip Random Orbit Sander - variable speed	170 92

DEWALT CORDLESS DRILLS		
DW972K-2	3/8" variable speed w/ two 12V XR batteries	362 184
DW991K-2	3/8" variable speed w/ two 14.4V XR batteries	415 209
Above drill kits come w/ charger & steel case!		
DW991KS-2	DW991K drill, DW935 trim saw, 2 XR batteries & case	545
DW911	NEW jobsite Radio & Charger	149

DEWALT 18 VOLT CORDLESS TOOLS		
DW933K	Jigsaw Kit	468 275
DW938K	Recipro Saw Kit	520 269
DW995K-2	1/2" Drill Kit w/ 2 batt.	516 259
DW997K-2	1/2" Drill/Hammer Drill Kit	544 249
DW936K	5-3/8" Saw Kit	458 249
DW995KS-2	DW995K Drill, DW936 Saw and case	545 399
DW995KC-2	DW995K 18V drill kit, DW938 18V reciprocating saw, & case	399

DEWALT BENCH TOP TOOLS		
DW708	12" Slide Mitr Saw	649
DW788	20" Scroll Saw	469
DW733	12" Planer w/ extra blades	399
DW744	10" Portable Table Saw	499
DW756	6" Bench Grinder	164 75
DW758	8" Bench Grinder	184 115

DAVID WHITE INSTRUMENTS		
Model	Description	List Sale
LP6-20A	Sight Level package-20x	329 239
LP6-20XLA	LP6-20A with 9056 tripod and 7620 rod	409 279
LT8-300	Level Transit - 26x	739 539
LT8-300P	above Level with optical plumb	869 629
LT6-900	Level Transit - 20x	419 299
LTP6-900	Above Level with tripod and rod	615 395
ALT6-900	Automatic Level - Transit - 18x	666 479
ALTP6-900	above Level with tripod & rod	799 549
AL8-22S	Automatic Level - 22x	583 289
ALP8-22	Above level with tripod & rod	545 349
AL8-26S	Automatic Level - 26x	854 325
ALP8-26	Above level with tripod & rod	854 389

BOSCH		
Model	Description	List Sale
1587VS	Top Handle "CLIC" Jig Saw	292 139

1587AVSC	1587VS Saw Kit with case and New Progressor blades	155
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1584VS or 1587VS	with steel case and 30 Bosch blades	175
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1295DH 5"	Random Orb Palm Sndr.	145 89
1274DVS	3"x21" w/spd Belt Sander	301 175
1278VSK1	1-1/2"x12" Belt Sander	218 129
1275DVS	3"x24" w/s Belt Sndr.	379 219
1276DVS	4"x24" w/s Belt Sndr.	408 229
1194VSRK	1/2" w/ spd Drill w/ case	303 159
1613EVS	2HP vls Plunge Router	369 195
1634VSK	Recip Saw 10.5 amp	335 185
3315K	12V T-Handle Drill Kit	345 159
3815K	14.4V Drill Kit	354 174
3107DVS 5"	Random Orbit Sander	165 98
3107DVS 3107DVS	with case	195 118
3725DVS 5"	Random Orbit Sander	256 145
3727DVS	6" Random Orbit Sander	266 149
3915	10" Slide Compound Saw	1050 499
3912	NEW 12" Cmpnd Mitr Saw	638 329
11224VSR	7/8" SDS Rotary Drill	404 229
1703AEVS 5"	Grinder - 8.5 amp	245 145
1347AK	4-1/2" Grinder with case	159 92
1638K	Drywall Cut-out Unit	165 105
1617	1-3/4 HP Router - 2 handle	159
1617EVS2	HP Router w/ variable speed - 2 handle	189
1618	1-3/4 HP Router - "D" handle	179
1618EVS	1618 router w/ vari/spd	360 215
1640VS	NEW Power Tenon Saw	200 129
1640VSK	NEW Power Tenon Saw Kit	209
3850K	18V cordless Drill Kit	255

JDS AIRTECH AIR CLEANERS		
Model	Description	List Sale
750	12"x24"x28" 1/4 hp	200 CFM - 750 CFM
8-12	20"x24"x44" 1/3 hp	8

Cordless Drills

3 Types of Cordless Drills

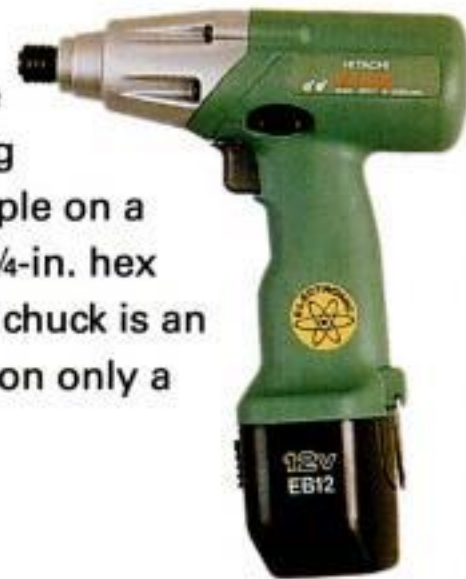
Conventional

Drills in this broad category range in power from the 9.6-volt standard to 18-volt powerhouses that perform most of the tasks you'd expect from a plug-in drill.



Impact Drivers

An impact driver delivers extremely high torque. It's very useful when you're spending a day driving long screws and bolts, for example on a deck. Most models have a 1/4-in. hex chuck for driver bits. A drill chuck is an extra-cost option available on only a few models.



Right-Angle

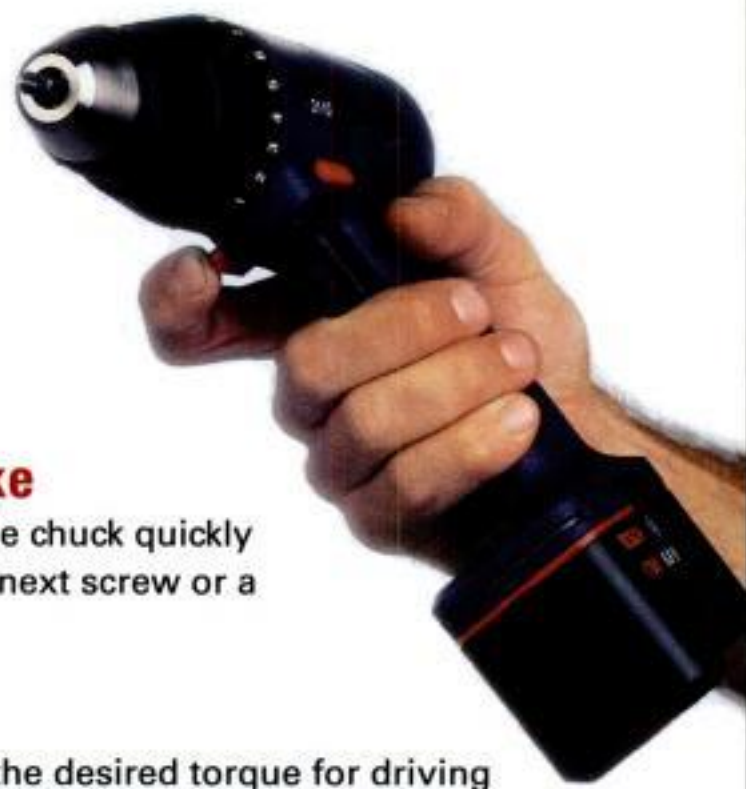
Right-angle drills can save your neck (literally) when you're drilling holes or driving screws inside small cabinets or in other tight spots.



With higher-voltage batteries, cordless drills do everything corded drills can, except hogtie you with a power cord. Untethered freedom isn't the only plus. Variable-speed control, clutches, keyless chucks and electronic brakes make bit changes fast, and drilling operations more efficient, faster and just plain convenient.

PHOTO BY KRIVIT PHOTOGRAPHY

Reversing switch. The reversing switch should be accessible but not prone to accidental switching. This switch passes through the drill body above the trigger.



Features

Power

More volts mean more torque to drive larger bits and screws plus longer running time between charges. Go for all the power your pocketbook and your arms will support, especially if you expect a cordless to do heavy-duty or extended work.

Speed and Torque

The higher a drill's rated speed, the less torque it will deliver, and vice versa. Most models have two speeds, or two variable ranges, with more torque in the lower range. Variable speed is great for driving screws—you can start the screw slowly and speed up to drive it home.

Weight

Try before you buy. It's great to have a powerful drill, but a 12-volt model will be easier to use for long periods than an 18-volt.

Chuck

Keyless chucks make drill bit to countersink to driver bit changes go swiftly. Old-style keyless chucks require both hands but newer designs let you change bits with one hand.

Electronic Brake

This lets you stop the chuck quickly and move on to the next screw or a bit change.

Clutch

This lets you select the desired torque for driving screws to a precise depth. Along with a locked setting for drilling holes, clutches range from five to two dozen variable torque settings. Quieter electronic clutches cut power to the drill when a particular torque is reached.

Handle Style

AT-handle model is more maneuverable in tight or awkward spaces. The pistol-grip design makes it easier to apply force directly in line with the bit and lean into your work (see photo below).



Dueling drills. A T-handle model (left) is easier to balance and more compact. A pistol-grip (right) lets you push directly in line with the bit.



Keyless chuck. If you tend to lose your keys, you'll love this feature, which allows you to tighten and loosen the chuck by hand.

Options/Accessories

EXTRA BATTERY. This is almost essential. Buy one if your driver doesn't come with an extra. It lets you keep working while the first is recharging. Available from individual manufacturers.

FAST CHARGER. This type of charger, which comes standard on some drills, cuts charging time down to 10 or 15 minutes.

DOWELLING JIG. This jig lets you accurately drill holes for dowelling assembly. \$40. Available from Highland Hardware; (888) 500-4466.

POCKET HOLE JIG. This jig lets you assemble strong face frames quickly. \$100. Available from Woodcraft Supply; (800) 542-9115.

QUICK-CHANGE CHUCKS. Allow you to quickly switch from drill bits to countersinks to hex-shank screwdrivers. \$30. Woodworker's Supply; (800) 645-9292.

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Finish a Picture Frame

Michael Dresdner

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Learn how to work with shellac and custom stains, and how to "dry brush". Take home a picture frame that you finish. Capacity: 24. Cost including all materials: \$65.

Build a Whittled Peg Rack

George Vondriska

Fri., 9:00-11:00 am; Sat., 9:00-11:00 am
Sun., 11:30-1:30 pm

This butternut wall-hung coat rack appeared in AW issue, #73. Make one at the show and use it to hang your favorite fedora. Capacity: 12. Cost including all materials: \$75.

Make a Hinge Mortising Jig

Carol Reed

Fri., 9:00-11:00 am; Sun., 11:30-1:30

Make and keep a great jig for routing hinge mortises in your boxes and cabinets. You will also get a set of hinges and learn to install them using the jig. Capacity: 20. Cost including all materials: \$60.

Construct a Pair of Cam Clamps

Fred Matlack

Fri., 2:00-4:00 pm; Sat., 9:00-11:00 am
Sun., 2:00-4:00 pm

Handmade from wood and aluminum, it will last forever. Take the pair home to use on your next project. Capacity: 20. Cost including all materials: \$60.

Make a Mahogany Jewelry Box

Frank Klausz

Fri. & Sun., 2:00-4:00 pm

Learn to layout and cut dovetails by hand. Use tools sharpened by Frank, and then complete the jewelry box at home. Capacity: 12. Cost including all materials: \$75.

Make the Jig that Makes Jigs

Carol Reed

Sat., 2:00-4:00 pm

Customize a plastic marking gauge to suit your router. Then, take the gauge home and use it in your shop to make other new, very accurate woodworking jigs. Capacity: 20. Cost including all materials: \$65.

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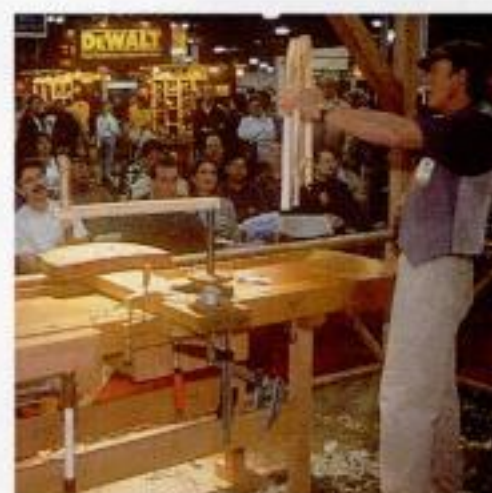
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Best of all, the cost for a **3-Day Pass is just \$10!** You'll have to pinch yourself when you see all the great bargains! Feel free to come back time and time again to take advantage of the discounts on the tools and materials you need to complete your dream woodshop.

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ANTIQUE TOOL ROAD SHOW: Free appraisals by **Clarence Blanchard**, Editor to Fine Tool Journal and "the antique tool authority". Bring your old tools to the show.

Sharpen and Use a Cabinet Scraper

George Vondriska
Sat., 2:00-4:00 pm
Learn how to properly sharpen and burnish a cabinet scraper, and how to use it for smoothing woods. Take home the scraper and burnisher. Capacity: 15. Cost including all materials: \$60.

Sharpening

Paul Anthony
Sun., 11:30-1:30 pm
Learn how to put a truly keen edge on your chisels and plane irons. Bring a couple of your favorite tools for a serious tune-up. Take home a sharpening aid. Capacity: 12. Cost including all materials: \$60.

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\$5 Each! Tickets available only at box office.

Woodworking Fundamentals

Frank Klausz
Fri., 11:30 am-1:00 pm; Sat., 1:30-3:00 pm
Learn how to select and understand tools, machines and materials. Choose projects and joinery you can handle. Allow for wood movement. Use the proper glue.

Tablesaw Basics, Fred Matlack

Fri., 11:30-1:00 pm; Sat. 3:30-5:00 pm
Learn how to use it safely and efficiently for ripping, crosscutting, dadoing, and other essential woodworking operations.

Making and Fitting Cabinet Doors

Paul Anthony
Fri. & Sat., 1:30-3:00 pm
There's nothing more important to the look of a cabinet than its doors. This design tour of cabinet door styles will include a demonstration of construction and installation techniques.

Getting Started with your Router

Carol Reed
Fri., 1:30-3 pm; Sat. 11:30-1:00 pm
For anyone new to routing. Learn how to rout safely and successfully. Discover which routers, bits, and aftermarket jigs and fixtures will work best for you.

Finishing Secrets

Michael Dresdner
Fri., 3:30-5:00 pm; Sat., 3:30-5:00 pm
Learn how to select the best finish for the job. Understand wood stains and use them correctly. From surface preparation to final polish, you'll know what it takes to get a professional finish.

Tablesaw Tips and Tricks

Andy Rae
Fri., 3:30-5:00 pm; Sat., 11:30am-1:00 pm
Tired of wobbly cuts and wasted wood? Want to know the safe way to saw? Learn 4 savvy steps, from simple tune-up procedures and safe sawing methods, to jigs that improve your skills and accessories the pros use.

Cordless Drills

KEY: Y = yes, N = no, OPT = optional, — = not applicable.

Chuck Type: HX = hex, KL = keyless, SQ = square drive.

Handle Type: PG = pistol grip, TH = T-handle, RA = right-angle. *May include drill. **New models in red.**

Hitachi DS10DV2



Porter-Cable 9884

See page 5
for listing of manufacturers.

CONVENTIONAL

Brand & Model	List Price	Battery (V)	Fast Charge	Max. RPM: Low, High Range	Electronic Brake	No. of Clutch Settings*	Chuck Type, Cpy. (in.)	Handle Type	Weight (lb.)	Comments & Features
Black & Decker FS432K-2	\$79	9.6	N	200, 800	Y	24	KL, %	TH	3.2	2 batteries; case.
Bosch 3105K	213	9.6	OPT	300, 980	Y	6	KL, %	TH	3.1	2 batteries; close-quarters work.
Craftsman 27190	120	9.6	Y	350, 1,000	Y	24	KL, %	TH	3.8	2 batteries; brake; case.
Craftsman 27490	100	9.6	Y	600	N	4	KL, %	PG	3.8	2 batteries; case.
DeWalt DW926K-2		9.6		300, 1,100			KL, %		3.4	
DeWalt DW952K-2	238	9.6	Y	400, 1,200	Y	17	KL, %	TH	3.7	2 batteries; case.
Festo Tooltechnic CDD 9.6 ES-Plus	295	9.6	Y	380, 1,100	Y	9	KL	PG	3.5	Short head for right-angle use.
Hitachi DS10DV2	184	9.6	OPT	1,200	Y	22	KL, %	TH	3.5	2 batteries.
Hitachi FDS10DVAL	107	9.6	OPT	280, 850	Y	5	KL, %	TH	3.3	2 batteries; flashlight incl.
Makita 6095DWE	329	9.6	OPT	400, 1,100	Y	12	KL, %	PG	3.8	2 batteries.
Makita 6176DW	110	7.2	N	600	N	N/A	KL, %	PG	2.1	Very compact.
Makita 6096DWE	216	9.6	N	350, 1,100	Y	16	KL, %	TH	2.9	
Makita 8402VD	208	9.6	Y	900	Y	N/A	KL, %	PG	3.7	Hammer action.
Makita 6019DWE	170	7.2	Y	200, 600	N	10	KL, %	PG	2.5	2 speed.
Makita 6095DWBE	280	9.6	Y	400, 1,100	Y	6	KL, %	PG	3.7	Ni-MH batteries.
Makita 8411DWH	440	12	Y	370, 1,150	Y	N/A	KL, %	PG	4.2	Hammer action.
Makita 6222DWE	322	9.6	OPT	700	Y	6	KL, %	TH	3.1	2 batteries.
Makita 6213DWBLE	340	12	Y	450, 1,400	Y	18	KL, %	TH	4.2	2 batteries; case.
Makita 6216DWBE	357	12	Y	400, 1,300	Y	17	KL, %	TH	4.6	Ni-MH batteries.
Makita 6236DWBE	397	14.4	Y	400, 1,300	Y	17	KL, %	TH	4.9	Ni-MH batteries.
Makita 6336DWBE	415	14.4	Y	400, 1,300	Y	17	KL, %	TH	5.1	Ni-MH batteries.

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Cordless Drills

KEY: Y = yes, N = no, OPT = optional, — = not applicable.

Chuck Type: HX = hex, KL = keyless, SQ = square drive.

Handle Type: PG = pistol grip, TH = T-handle, RA = right-angle. *May include drill. *New models in red.*

Makita 6343 DWAE



Metabo BEAT112/2 R+L

CONVENTIONAL

Brand & Model	List Price	Battery (V)	Fast Charge	Max. RPM: Low, High Range	Electronic Brake	No. of Clutch Settings*	Chuck Type, Cpy. (in.)	Handle Type	Weight (lb.)	Comments & Features
Makita 6233DWBLE	\$399	14.4	Y	400, 1,300	Y	18	KL, 3/8	TH	4.4	Ni-MH batteries.
Makita 6333DWBLE	405	14.4	Y	400, 1,300	Y	18	KL, 3/8	TH	4.6	Ni-MH batteries.
Makita 6343 DWAE	458	18	Y	450, 1,400	Y	17	KL, 3/8	TH	5.5	404 in. lbs torque.
Panasonic EY6181CRKW	292	9.6	OPT	350, 1,000	Y	22	KL, 3/8	TH	3.3	2 batteries; compact.
Ryobi RY961K2B	89	9.6	N	550	N	24	KL, 3/8	TH	3.2	2 batteries; nylon tool bag; 2-way level.
Ryobi RY1201K2B	99	12	N	550	N	24	KL, 3/8	TH	3.5	2 batteries; nylon tool bag; 2-way level.
Ryobi R10510K2	149	12	Y	375, 1,350		24	KL, 3/8	TH	3.4	2 batteries; case; 100% metal gears.
Ryobi R10520K2	169	14.4	Y	375, 1,350		24	KL, 3/8	TH	5	2 batteries; case; 100% metal gears.
Ryobi R10530K2	189	18	Y	375, 1,350		24	KL, 3/8	TH	5.4	2 batteries; case; 100% metal gears.
Skil 2380-02	86	9.6	N	700	N	6	KL, 3/8	TH	3	1 battery; case.
Skil 2380-04	125	9.6	N	700	N	6	KL, 3/8	TH	3	2 batteries; case.
Wagner WB96K	70	9.6	N	550	Y	6	KL, 3/8	TH	3	3-hr. charger; case.
Black & Decker FS632K-2	89	12	N	250, 900	Y	24	KL, 3/8	TH	3.6	2 batteries; case.
Bosch 3305K	243	12	OPT	400, 1,200	Y	6	KL, 3/8	TH	3.4	2 batteries; close-quarters work.
Bosch 3315K	298	12	OPT	400, 1,200	Y	16	KL, 3/8	TH	3.7	2 batteries.
Craftsman 27139	140	12	Y	350, 1,000	N	6	KL, 3/8	PG	4.2	2 batteries.
Craftsman 27196	160	12	Y	350, 1,100	Y	24	KL, 3/8	TH	4.2	2 batteries; brake.
Craftsman 27491	120	12	Y				KL, 3/8	TH	5	Electronic clutch; soft start; internal bit magazine; 2 batteries; case.

See page 5 for listing of manufacturers.

Continued on page 52

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Cordless Drills

KEY: Y = yes, N = no, OPT = optional, — = not applicable.

Chuck Type: HX = hex, KL = keyless, SQ = square drive.

Handle Type: PG = pistol grip, TH = T-handle, RA = right-angle. *May include drill. **New models in red.**

Brand & Model	List Price	Battery (V)	Fast Charge	Max. RPM: Low, High Range	Electronic Brake	No. of Clutch Settings*	Chuck Type, Cpy. (in.)	Handle Type	Weight (lb.)	Comments & Features
DeWalt DW953K-2	\$296	12	Y	400, 1,200	Y	17	KL, 3/8	TH	3.8	2 batteries; case.
DeWalt DW970	180	12	N	450, 1,400	Y	17	HX, 3/8	TH	3.2	
DeWalt DW971K-2	362	12	Y	450, 1,400	Y	17	KL, 3/8	PG	4.2	Rubber grip & trigger.
DeWalt DW972K-2	362	12	Y	450, 1,400	Y	17	KL, 3/8	TH	4.2	Rubber grip & trigger.
DeWalt DW972KQ-2	438	12	Y	450, 1,400	Y	17	KL, 3/8	TH	4.2	15-minute charger.
DeWalt DW975K	386	12	Y	450, 1,400	Y	17	KL, 3/8	TH	3.7	Hammer action; 4,950/15,400 bpm.
DeWalt DW979K	372	12	Y	800, 2,300	Y	0	HX, 3/8	PG	4.2	Drywall/deck gun.
Fein ABS12-2EUQ	335	12	OPT	340, 1,200	Y	12	KL	PG	4.2	2 battery positions.
Festo Tooltechnic CDD 12 ES-Plus	340	12	Y	380, 1,100	Y	9	KL	PG	4	Short head for right-angle use.
Hitachi DS13DV2	196	12	OPT	1,200	Y	22	KL, 3/8	TH	4.2	2 batteries.
Makita 6011DWE-2	365	12	N	450, 1,350	Y	6	KL, 3/8	PG	4.2	2 batteries; case.
Makita 6213DWAE	364	12	N	450, 1,400	Y	18	KL, 3/8	TH	4.6	
Makita 6213DWBE	349	12	N	450, 1,400	Y	17	KL, 3/8	PG	4.5	Ni-MH kit.
Makita 6223DWE	272	12	N	700	Y	6	KL, 3/8	TH	3.3	Compact size.
Makita 6312DWG	432	12	N	370, 1,150	Y	6	KL, 3/8	TH	4.3	High-cap. power-display battery.
Makita 6313DWAE	398	12	N	450, 1,400	Y	18	KL, 3/8	TH	4.4	
Metabo BEAT12/2 R+L	311	12	OPT	300, 900	Y	5+	KL, 3/8	PG	4	Aux. side handle.
Metabo BEAT112/2 R+L	349	12	OPT	300, 1,100	Y	9+	KL, 3/8	PG	4.9	Aux. side handle; impulse action.
Metabo BEAT212/2 R+L	399	12	OPT	400, 1,400	Y	9+	KL, 3/8	TH	5.4	Aux. side handle.
Metabo BEAT214/2 R+L	437	14.4	OPT	400, 1,400	Y	9+	KL, 3/8	TH	5.9	Aux. side handle.
Milwaukee 0501-23	377	12	Y	360, 1,100	Y	19	KL, 3/8	PG	4.3	2 reversible batteries.
Milwaukee 0502-23	356	12	Y	360, 1,100	Y	19	KL, 3/8	TH	3.8	2 reversible batteries.
Panasonic EY6406FQKW	306	12	Y	350, 1,300	Y	18	KL, 3/8	TH	3.8	Compact; lightweight; 2 batteries.
Panasonic EY6407NQKW	338	12	Y	350, 1,300	Y	18	KL, 3/8	TH	4.0	Compact; lightweight; Ni-MH 3.0 Ah battery; 2 batteries.
Porter-Cable 9866	280	12	N	400, 1,200	Y	21	KL, 3/8	TH	5	2 batteries; case.
Porter-Cable 9866F	296	12	N	400, 1,200	Y	21	KL, 3/8	TH	5	2 bat.; flashlight, case.
Porter-Cable 9866S	311	12	N	400, 1,200	Y	21	KL, 3/8	TH	5	2 bat.; mini-screw, case.
Skil 2480-02	99	12	N	700	N	6	KL, 3/8	TH	3.5	1 battery; case.
Skil 2480-04	135	12	N	700	N	6	KL, 3/8	TH	3.5	2 batteries; case.
Skil 2482-01	189	12	Y	400, 1,200	N	16	KL, 3/8	TH	3.5	2 batteries; case; 1-hour charge.
Skil 2482-04	169	12	N	400, 1,200	N	16	KL, 3/8	TH	3.5	2 batteries; case; 3-hour charge.
Wagner WB120K-2	90	12	N	550	Y	6	KL, 3/8	TH	3.3	2 batteries; 3-hour charger.
Porter-Cable 9876	334	14.4	N	475, 1,450	Y	21	KL, 3/8	TH	5 1/2	2 batteries; case.
Porter-Cable 9877	384	14.4	N	475, 1,450	Y	21	KL, 3/8	TH	5 1/2	2 batteries; case.
Black & Decker HP532K-2	109	14.4	N	250, 900	Y	24	KL, 3/8	TH	3.8	
Bosch 3615K	340	14.4	OPT	400, 1,200	Y	16	KL, 3/8	TH	4.3	2 batteries; single sleeve chuck.
Bosch 3650K	375	14.4	OPT	500, 1,500	Y	16	KL, 3/8	TH	4.9	2 batteries; soft grip.
Bosch 3655K	375	14.4	OPT	400, 1,400	Y	16	KL, 3/8	PG	4.8	2 batteries; soft grip.
Bosch 3850K	396	18	OPT	500, 1,650	Y	16	KL, 3/8	TH	4.9	Ni-MH battery.
Craftsman 27194	190	14.4	Y	400, 1,400	Y	24	KL, 3/8	TH	4.5	2 batteries; brake; case.
DeWalt DW954K-2	352	14.4	Y	400, 1,250	Y	17	KL, 3/8	TH	4	2 batteries; case.
DeWalt DW990K-2	418	14.4	Y	450, 1,400	Y	17	KL, 3/8	TH	4.9	
DeWalt DW991K-2	398	14.4	Y	450, 1,400	Y	17	KL, 3/8	TH	4.9	Rubber grip & trigger.
DeWalt DW991KQ-2	470	14.4	Y	450, 1,400	Y	17	KL, 3/8	TH	4.9	15-minute charger.
DeWalt DW996K-2	444	14.4	Y	600, 1,750	Y	17	KL, 3/8	PG	5.1	Hammer action; 6,600/19,500 bpm.

CONVENTIONAL



Ryobi RY961K2B



DeWalt DW926K-2



Panasonic EY6930FQKW



Fein ABS12-2EUQ



Craftsman 27199

See page 5
for listing of manufacturers.

Continued on page 54

Panasonic Professional Driving Machines

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Cordless Drills

KEY: Y = yes, N = no, OPT = optional, — = not applicable.
 Chuck Type: HX = hex, KL = keyless, SQ = square drive.
 Handle Type: PG = pistol grip, TH = T-handle, RA = right-angle.
 *May include drill. **New models in red.**



Skil 2582-04



Milwaukee 0502-23



Makita 6233DWBE



Bosch 3615K



Panasonic EY6588CQ

See page 5
for listing of manufacturers.

CONVENTIONAL

IMPACT DRIVER

Brand & Model	List Price	Battery (V)	Fast Charge	Max. RPM: Low, High Range	Electronic Brake	No. of Clutch Settings*	Chuck Type, Cpy. (in.)	Handle Type	Weight (lb.)	Comments & Features
Hitachi DS14DV	\$207	14.4	OPT	350, 1,200	Y	22	KL, 1/2	TH	4.6	2 batteries.
Makita 6233DWAE	410	14.4	N	400, 1,300	Y	17	KL, 1/2	PG	4.4	
Makita 6233DWBE	481	14.4	N	400, 1,300	Y	17	KL, 1/2	PG	4.5	Ni-MH battery.
Makita 6333DWAE	434	14.4	N	400, 1,300	Y	17	KL, 1/2	PG	4.4	
Metabo BEAT214/2 R+L	437	14.4	OPT	400, 1,400	Y	9+	KL, 1/2	TH	5.9	Aux. side handle.
Milwaukee 0511-21	415	14.4	Y	450, 1,250	Y	19	KL, 1/2	PG	4.8	2 reversible batteries.
Milwaukee 0512-21	393	14.4	Y	450, 1,250	Y	19	KL, 1/2	TH	3.8	2 reversible batteries.
Milwaukee 0513-21	436	14.4	Y	450, 1,250	Y	19	KL, 1/2	PG	5.3	2 reversible batteries; hammer action.
Milwaukee 0514-22	436	14.4	Y	450, 1,450	Y	20	KL, 1/2	TH	5.7	2 reversible batteries; hammer action.
Milwaukee 0516-22	410	14.4	Y	450, 1,450	Y	20	KL, 1/2	TH	5.3	2 2.4 amp. hours batteries.
Skil 2580-04	152	14.4	N	700	N	6	KL, 1/2	TH	4	2 batteries; case.
Skil 2582-04	194	14.4	N	400, 1,200	N	16	KL, 1/2	TH	4	2 batteries; case.
Wagner WB144K-2	100	14.4	N	650	Y	6	KL, 1/2	TH	3.6	2 batteries; 3-hour charger.
Panasonic EY6431FQKW	342	15.6	Y	450, 1,450	Y	19	KL, 1/2	TH	4.4	Compact size; 2 batteries.
Panasonic EY6431NQKW	372	15.6	Y	450, 1,450	Y	19	KL, 1/2	TH	4.4	Compact size; Ni-MH 3 amp hour battery; 2 batteries.
Panasonic EY6930FQKW	470	15.6	Y	590, 2,000	Y	6	KL, 1/2	TH	5.1	Hammer drill.
Black & Decker HP932K-2	119	18	N	400, 1,300	Y	24	KL, 1/2	TH	4.2	2 batteries; case.
Craftsman 27199	230	18	Y	400, 1,400	Y	24	KL, 1/2	TH	5.5	Aux. handle; 2 batteries; case.
Craftsman 27499	250	18	Y	400, 1,400	Y	24	KL, 1/2	TH	6	Aux. handle; depth stop; hammer action; 2 batteries; case.
DeWalt DW995K	454	18	Y	450, 1,400	Y	17	KL, 1/2	TH	5.6	Rubber grip & trigger.
DeWalt DW997K	470	18	Y	650, 1,850	Y	17	KL, 1/2	TH	5.6	Hammer action; 7,150/20,350 bpm.
DeWalt DW998K	470	18	Y	650, 1,850	Y	17	KL, 1/2	PG	5.6	Hammer action; 7,150/20,350 bpm.
Milwaukee 0521-21	440	18	Y	450, 1,500	Y	20	KL, 1/2	PG	5.6	Reversible battery.
Milwaukee 0521-22	505	18	Y	450, 1,500	Y	20	KL, 1/2	PG	5.6	2 reversible batteries.
Milwaukee 0522-21	440	18	Y	450, 1,500	Y	20	KL, 1/2	TH	5.6	Reversible battery.
Milwaukee 0522-22	505	18	Y	450, 1,500	Y	20	KL, 1/2	TH	5.6	2 reversible batteries.
Milwaukee 0523-22	565	18	Y	500, 1,600	Y	20	KL, 1/2	PG	5.9	2 reversible batteries; hammer action.
Milwaukee 0524-22	565	18	Y	500, 1,600	Y	20	KL, 1/2	TH	6.0	2 reversible batteries; hammer action.
Makita 6908DWAE	358	9.6	Y	2,200	Y	N/A	HX, 1/4	TH	3.1	Very compact.
Skil 2882-01	268	18	Y	400, 1,200	Y	16	KL, 1/2	TH	4.5	2 batteries; level.
Skil 2882-04	241	18	N	400, 1,200	Y	16	KL, 1/2	TH	4.5	2 batteries; level.
Skil 2882-02	190	18	N	400, 1,200	Y	16	KL, 1/2	TH	4.5	1 battery; level.
Wagner WB180K-2	150	18	N	680	Y	6	KL, 1/2	TH	3.9	2 batteries; 3-hour charger.
Porter Cable 9884	518	19.2	N	500, 1,500	Y	21	KL, 1/2		5 1/2	2 batteries; case
DeWalt DW967K	338	9.6	Y	2,000	Y	0	HX, 1/4	TH	3.7	Electronic torque control.
DeWalt DW006		24		450, 2,000					84	
Hitachi WH8DC2-S	200	9.6	OPT	2,200	Y	—	HX, 1/4	TH	3.1	Battery; charger.
Makita 6903VD	339	9.6	N	2,200	Y	—	HX, 1/4	TH	2.9	Angled grip; electronic brake.
Makita 6907DWE	337	9.6	N	2,000	Y	—	SQ, 1/4	TH	2.9	2 batteries.
Makita 6909DWAE	378	9.6	N	2,200	Y	—	SQ, 1/4	TH	3.1	
Panasonic EY6588CQ	394	9.6	Y	2,200	Y	—	HX, 1/4	TH	3	Compact; lightweight.
DeWalt DW977K	388	12	Y	2,000	Y	0	HX, 1/4	TH	4	Electronic torque control.

Continued on page 58

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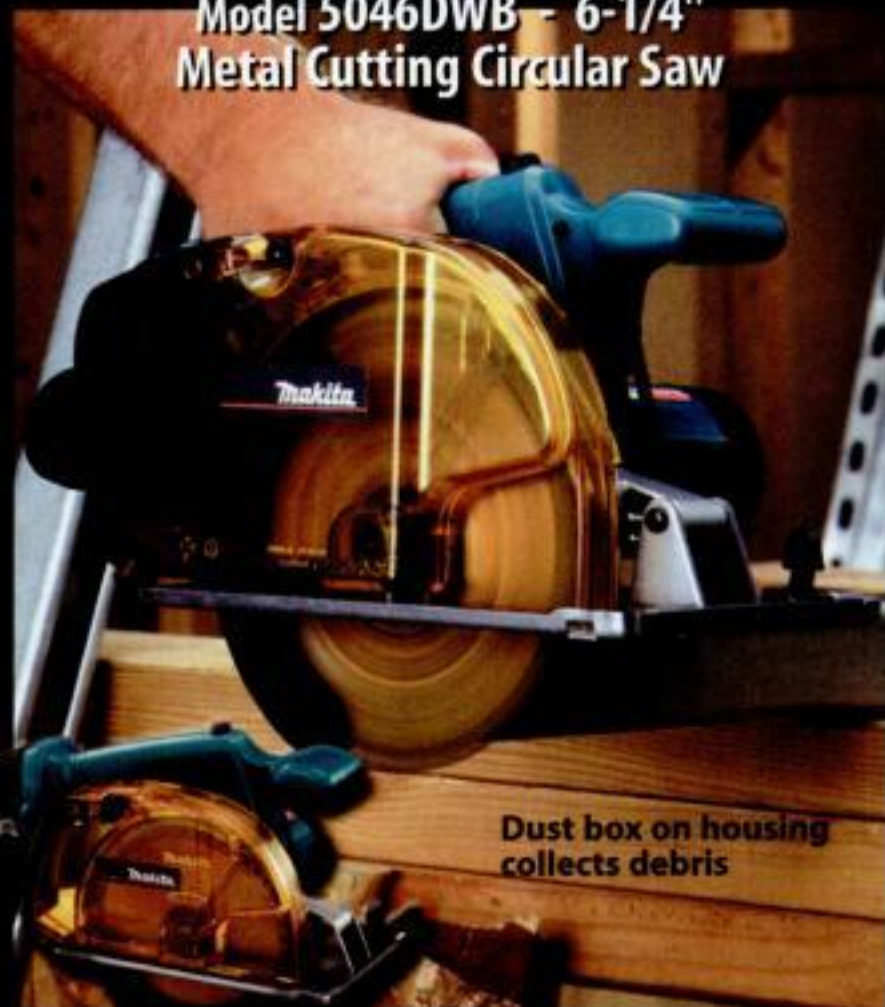
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5621DWB
Blade Right

5620DWB
Blade Left

ULTIMATE 18V

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Cordless Drills

KEY: Y = yes, N = no, OPT = optional, — = not applicable.

Chuck Type: HX = hex, KL = keyless, SQ = square drive.

Handle Type: PG = pistol grip, TH = T-handle, RA = right-angle. *May include drill. New models in red.



Milwaukee 3109-21



Makita DA391DW

IMPACT DRIVER

RIGHT ANGLE

Brand & Model	List Price	Battery (V)	Fast Charge	Max. RPM: Low, High Range	Electronic Brake	No. of Clutch Settings*	Chuck Type, Cpy. (in.)	Handle Type	Weight (lb.)	Comments & Features
Hitachi WH12DH	\$242	12	OPT	2,200	Y	—	HX, 1/2	TH	3.7	
Hitachi WR12DH	241	12	OPT	2,200	Y	—	SQ, 1/2	TH	3.7	
Makita 6911HOWA	404	12	N	1,800	Y	—	SQ, 1/2	TH	4	Precise torque settings.
Makita 6914DWAE	451	12	N	2,200	Y	—	HX, 1/2	TH	3.8	
Metabo SBEAT 212/2 R+L	434	12	OPT	400, 1,400	Y	5+	KL, 1/2	TH	5.5	Aux. side handle.
Metabo SBEAT 214/2 R+L	468	14.4	OPT	400, 1,400	Y	5+	KL, 1/2	TH	6.1	Aux. side handle.
Panasonic EY6812VQKW	900	24	Y	950	N	—	KL, 1/2	PG	7.9	High-speed rotary hammer.
DeWalt DW955	218	9.6	Y	400, 1,100	Y	0	KL, 1/2	RA	3.9	Sold as bare unit.
DeWalt DW955K	296	9.6	Y	400, 1,100	Y	0	KL, 1/2	RA	3.9	
Hitachi DN10DYK	338	9.6	OPT	800	Y	—	KL, 1/2	RA	2.9	Case.
Makita 6704DW	456	9.6	Y	400	Y	5	SQ, 1/2	RA	3.1	Precise torque settings.
Makita 6940DWE	494	9.6	N	2,000	N	—	HX, 1/2	RA	3.3	Case.
Makita DA391DW	369	9.6	N	800	Y	—	KL, 1/2	—	2.9	Sold as kit.
DeWalt DW965	242	12	N	400, 1,200	Y	0	KL, 1/2	RA	4.1	Sold as bare unit.
DeWalt DW965K	324	12	Y	400, 1,200	Y	0	KL, 1/2	RA	4.1	Multi-grip rubber trigger.
DeWalt DW966K		14.4		400, 1,200			KL, 1/2		4.3	
Milwaukee 0479-6	433	12	N	1,000	Y	—	KL, 1/2	RA	3.8	55° angled head.
Milwaukee 1109-21	537	18	Y	500	N	—	KL, 1/2	RA	7.8	
Milwaukee 3109-21	665	18	Y	335, 750	N	—	KL, 1/2	RA	10.8	Right-angle head.

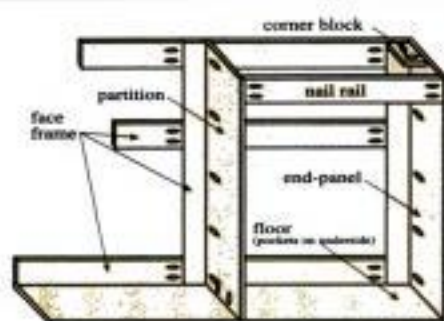
See page 5
for listing of manufacturers.

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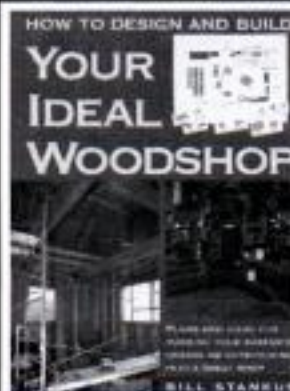
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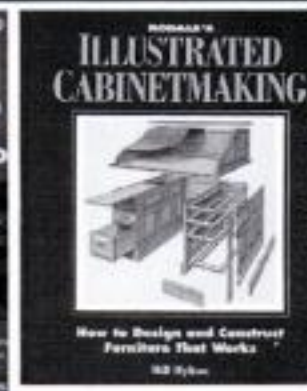
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RYOBI

Drill Presses



Along with accurate hole drilling, a drill press will also do drum sanding, plug cutting and mortising. This versatility makes it a near-necessity in a woodworker's shop. The size of a drill press is usually measured by its "throat capacity;" the distance between the column and the chuck's center. A drill press with a 5-in. throat capacity, for example, will drill to the center of a 10-in. wide board.

3 Types of Drill Presses

Benchtop

Some benchtops are bantam weights with minimal power and throat capacity, but others have throat capacities and horsepower ratings equal to floor models. Benchtop drill presses stand between 22- and 46-in. high. A large benchtop model will require a permanent location and take up the same space as a floor model but smaller ones are easily portable. If cost is an issue, a benchtop model is worth considering.



Floor Model

Along with regular drills, the floor model will better handle mortising attachments and larger cutters like circle cutters and rosette cutters. The table can be adjusted up and down over a wide range. Floor models (listed in the chart) stand 52 to 76 in. high, with throat capacities of 6½ to 11 in.



Radial

This is the choice for chair-makers and others who drill a lot of angled or compound-angled holes. The head is infinitely adjustable. It can move in and out on the column (like a radial-arm saw), pivot around the column and tilt left and right. You can bore at virtually any angle you want—even horizontally.

Features

Speed Control

If you expect to do a lot of drum sanding, circle cutting or metalwork, having a wider range of speeds will minimize problems. For metalworking you'll want a low speed of about 250 to 300 rpm. Continuous variable-speed control is more convenient than changing the drive belts' positions on the pulleys (see photo below).



Radial drill presses have larger throat capacities than most conventional models—up to 18 in. Both floor and benchtop models are available.



Table Adjustment

To adjust table height, rack-and-pinion cranking mechanisms are preferable to raising a heavy cast table by hand (see photo at left).

Quill Travel

Quill travel, sometimes called stroke length, tells how deep a hole you can drill in a single stroke. This distance varies from 1 $\frac{7}{8}$ in. on the smallest benchtop models to 6 in. on the largest floor model. For drilling thick stock, you'll want a quill travel of 4 in. or more.

Work Table

A larger table supports oversize work and provides more room for clamps and jigs. Many tables tilt by rotating on a pivot.

Options/Accessories

SANDING DRUMS. A set of these drums, each one a different diameter, lets you smooth all kinds of curved work. The "Robo Sander" is a drum with a rubber disc on the bottom to do template sanding. \$10. Available from Woodcraft Supply; (800) 225-1153.

CROSS-SLIDE VISE. This attaches to the table to more easily and precisely position your work. \$70. Available from Craftsman; (800) 377-7414.



MORTISING ATTACHMENT. The mortise-cutting tool consists of a square, hollow chisel with an auger bit inside. The bit drills a hole while the chisel cleans four sharp, square corners. The result: a square hole! Boring several square holes side by side produces a rectangular mortise.

The complete mortising attachment includes a special yoke that bolts to the quill. The bit is held in the chuck, while the hollow chisel is held by the yoke. A fence bolted to the table holds the workpiece for mortising. \$40. Available from CMTTools; (800) 531-5559.

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Drill Presses

KEY: Y = yes, N = no, — = not applicable. *Model has continuous variable speed.

New models in red.

Tradesman
8065SPowermatic
1140-ARidgid
DP1500

BENCHTOP

FLOOR

Brand & Model	List Price	Throat Capacity (in.)	Chuck Capacity (in.)	Quill Travel (in.)	Spindle Speed (rpm)	Rack & Pinion Table Adj.	HP	Weight (lb.)	Comments & Feature
Grizzly 7912	\$80	4	1/2	2	620 - 3,100	N	1/2	50	
Craftsman 21908	120	4	1/2	2	620 - 3,100	N	1/2	48	Fence incl.
Delta 11-950	156	4	1/2	2	620 - 3,100	N	1/2	49	Table tilts.
Jet JDP-8	249	4	1/2	2	620 - 3,100	N	1/2	42	
Pro-Tech 12018	119	4	1/2	2	690 - 3,000	N	1/2	40	
Tradesman 8050S	99	4	1/2	2	620 - 3,100	N	1/2	54	3-in. vise incl.; switch up front.
Woodtek 829785	99	4	1/2	2	620 - 3,100	N	1/2	40	Table tilts.
Craftsman 21910	180	5	1/2	2 1/2	540 - 3,600	Y	1/2	73	Fence incl.
Delta 11-980	195	5	1/2	2 1/2	620 - 3,100	Y	1/2	70	Table tilts.
Jet JDP-10	279	5	1/2	2 1/2	540 - 3,600	N	1/2	70	
Ryobi DP100	160	5	1/2	2 1/2	540 - 3,600	Y	1/2	68	
Tradesman 8062S	119	5	1/2	2	620 - 3,100	N	1/2	59	3-in. vise incl.; switch up front.
Delta 11-990	237	6	1/2	2 1/2	620 - 3,100	Y	1/2	78	Table tilts.
Tradesman 8065S	169	6	1/2	2 1/2	620 - 3,100	Y	1/2	80	
Reliant DD50	160	6 1/2	1/2	3	700 - 3,000	Y	1/2	110	
Star S4016	200	6 1/2	1/2	3	195 - 3,000	Y	1/2	95	16 speeds.
Grizzly 7943	180	7	1/2	3 1/2	140 - 3,050	Y	1/2	160	Table has positive locks; 110V light socket.
Grizzly 7944	200	7	1/2	3 1/2	140 - 3,050	Y	1/2	160	Table has positive locks; 110V light socket.
Bridgewood BW-1412B	199	7	1/2	3 1/2	480 - 2,120	Y	1/2	138	Worklight; table tilts; mortising attachment.
Jet JDP-14J	399	7	1/2	3 1/2	460 - 2,500	Y	1/2	132	Worklight.
Jet JDP-14M	479	7	1/2	3 1/2	200 - 3,630	Y	1/2	132	Worklight.
Powermatic 1140-A	381	7	1/2	3 1/2	280 - 3,280	Y	1/2	150	
Tradesman 8075S	199	7	1/2	3 1/2	195 - 3,630	Y	1/2	121	16 speeds; switch up front.
General 34-02	760	7 1/2	1/2	4 1/2	460 - 4,910	N	—	110	Motor not incl.
General 34-02-M1	989	7 1/2	1/2	4 1/2	460 - 4,910	N	1/2	200	Split head to adjust quill.
General Int'l 75-100	470	8 1/2	1/2	3 1/2	340 - 2,800	Y	1/2	180	Worklight; keyless chuck.
Ryobi WDP1850	550	9 1/2	1/2	3 1/2	500 - 3,000*	N	1/2	134	Fence; rack & pinion head adjustment; built-in light incl.
Star S4017	255	6 1/2	1/2	3	195 - 3,000	Y	1/2	125	16 speeds.
Transpower DP16	195	6 1/2	1/2	3 1/2	300 - 3,700	Y	1/2	130	
Delta 14-070	395	7	1/2	3 1/2	250 - 3,000	Y	1/2	157	Table tilts.
Jet JDP-14JF	499	7	1/2	3 1/2	460 - 2,500	Y	1/2	156	Worklight.
Jet JDP-14MF	549	7	1/2	3 1/2	200 - 3,630	Y	1/2	167	Worklight.
Jet JDP-17FSE	449	8 1/2	1/2	4 1/2	200 - 3,630	Y	1/2	178	
Powermatic 1140-A	413	7	1/2	3 1/2	280 - 3,280	Y	1/2	170	
Tradesman 8100S	249	7	1/2	3 1/2	195 - 3,630	Y	1/2	142	16 speeds.
Craftsman 22915	300	7 1/2	1/2	3 1/2	250 - 3,100	Y	1/2	166	12 speeds; fence; worklight incl.
General 34-01	989	7 1/2	1/2	4 1/2	460 - 4,910	N	1/2	200	Split head to adjust quill.
General 34-01-M1	760	7 1/2	1/2	4 1/2	460 - 4,910	N	1/2	200	
Powermatic 1150-A	2,329	7 1/2	1/2	6	475 - 4,800*	Y	1	325	
Ridgid DP1500	299	7 1/2	1/2	3 1/2	250 - 3,100	Y	1/2	158	12 speeds; built-in light.
Lobo DP-016F	249	8	1/2	3 1/2	240 - 3,800	Y	1/2	135	T-slot in table.
Delta 17-900	490	8 1/2	1/2	3 1/2	250 - 3,000	Y	1/2	194	12 speeds.
Delta 17-925	1,059	8 1/2	1/2	6	150 - 3,200	Y	1/2	230	Quick stop depth adjustment.
Delta 17-965	550	8 1/2	1/2	4 1/2	215 - 2,720	Y	1/2	195	External depth stop.
Tradesman 8105S	349	8 1/2	1/2	3 1/2	250 - 3,000	Y	1/2	183	12 speeds.
Woodtek 816805	379	8 1/2	1/2	3 1/2	250 - 3,000	Y	1/2	165	
Grizzly 7947	180	8 1/2	1/2	4 1/2	210 - 3,300	Y	1	275	Table has positive locks; 110V light socket.
Grizzly 7948	425	10	1/2	4 1/2	210 - 3,300	Y	1 1/2	312	Table has positive locks; 110V light socket.
Bridgewood BW1758F	279	8 1/2	1/2	3 1/2	350 - 3,900	Y	1/2	172	Worklight; table tilts; mortising attachment avail.
Bridgewood BW2501F	549	10 1/2	1/2	4 1/2	150 - 4,200	Y	1	298	12 speeds; worklight.
Craftsman 22917	400	8 1/2	1/2	3 1/2	200 - 3,630	Y	1/2	187	Fence; worklight incl.
General Int'l 75-200	505	8 1/2	1/2	3 1/2	340 - 2,800	Y	1/2	200	Worklight; keyless chuck.

See page 5
for listing of manufacturers.

Drill Presses

KEY: Y = yes, N = no, — = not applicable. *Model has continuous variable speed.

New models in red.

Craftsman
22920Delta
17-965

	Brand & Model	List Price	Throat Capacity (in.)	Chuck Capacity (in.)	Quill Travel (in.)	Spindle Speed (rpm)	Rack & Pinion Table Adj.	HP	Weight (lb.)	Comments & Feature
FLOOR	Jet JDP-17MF	\$579	8 1/4	1 1/2	4 1/2	200 - 3,630	Y	3/4	189	Worklight.
	Lobo DP-186F	349	8 1/2	1 1/2	3 1/2	190 - 2,640	Y	3/4	170	
	Powermatic 1170	481	8 1/2	1 1/2	3 1/2	190 - 3,500	Y	1	195	Worklight.
	Reliant DD55	300	8 1/2	1 1/2	3 1/2	340 - 2,800	Y	3/4	194	
	Transpower DP17	225	8 1/2	1 1/2	3 1/2	240 - 3,800	Y	1	178	Worklight.
	General Int'l 75-500	878	11	1 1/2	4 1/2	130 - 2,770	Y	1	326	Worklight; MT-4 spindle.
	Craftsman 22920	600	10 1/4	1 1/2	4 1/2	150 - 4,200	Y	1	282	12 speeds; fence; worklight incl.
	Jet JDP-20MF	999	10 1/4	1 1/2	4 1/2	150 - 4,200	Y	1 1/2	288	Worklight.
	Woodtek 816812	689	10 1/2	1 1/2	4 1/2	180 - 4,200	Y	1	346	Mortising attachment incl.
	Powermatic 2000	823	11	1 1/2	4 1/2	130 - 2,770	Y	1 1/2	328	Worklight.
RADIAL	Bridgewood BW1226RD	229	13	1 1/2	4	620 - 3,100	N	3/4	58	Head tilts 45° left, 90° right.
	Tradesman 8090S	179	13	1 1/2	4	620 - 3,100	N	3/4	62	Head tilts 45° left, 90° right.
	Delta 11-090	417	16	1 1/2	3 1/2	580 - 3,450	N	3/4	82	Head tilts 90° left, 90° right.
	Craftsman 22934	500	17	1 1/2	3 1/2	250 - 3,100	Y	3/4	165	Floor model; head tilts 90° left, 45° right.
	Craftsman 21934	300	17 1/2	1 1/2	3 1/2	540 - 3,600	Y	3/4	91	Benchtop model; head tilts 90° left, 45° right.
	Lobo DP-36RL	399	18	1 1/2	3 1/2	250 - 3,600	Y	3/4	105	Benchtop model.
	Woodtek 907071	449	18	1 1/2	3	310 - 3,640	Y	3/4	152	Head tilts 90° left, 50° right.
	Grizzly 7945	150	17	1 1/2	3 1/2	550 - 3,470	Y	3/4	100	Table has positive locks; 110V light socket.
	Grizzly 7946	180	17	1 1/2	3 1/2	550 - 3,470	Y	3/4	150	Table has positive locks; 110V light socket.

See page 5 for listing of manufacturers.

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Dust Collectors

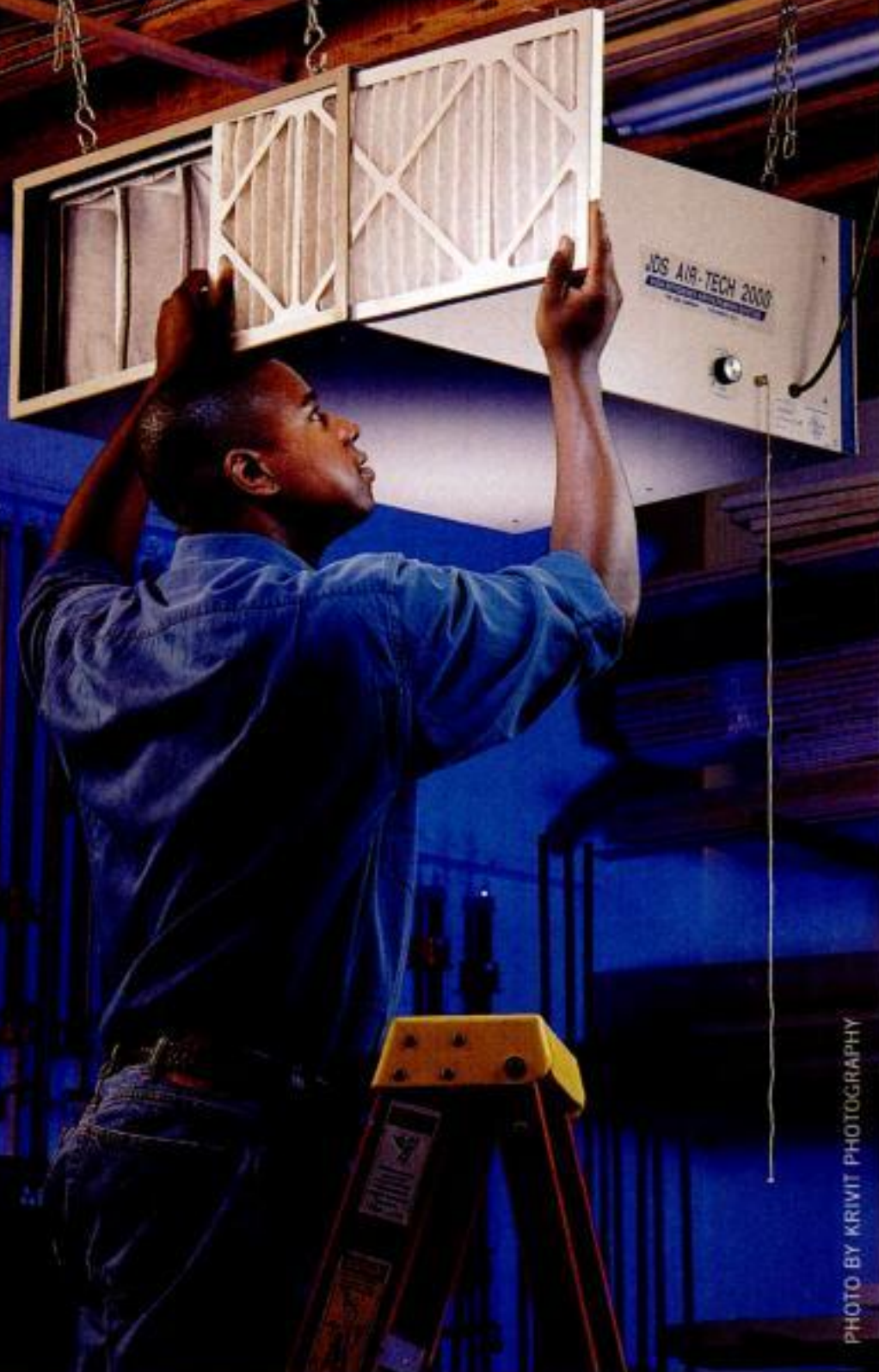


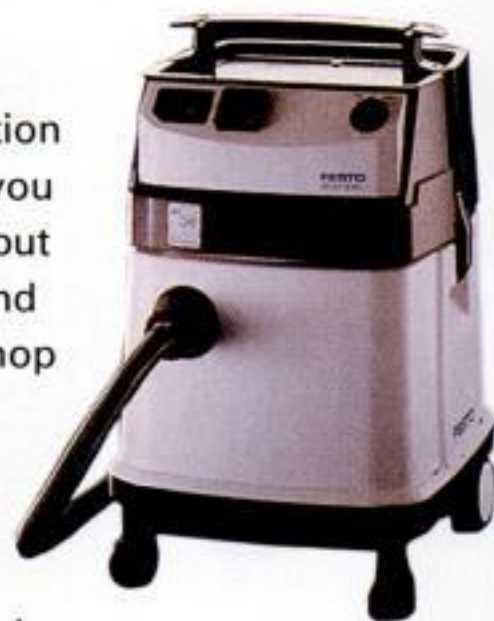
PHOTO BY KRIVIT PHOTOGRAPHY

Wood dust is a health hazard. A dust collector ensures your shop will be a healthier, cleaner, more inviting place to work. Portable models work well in smaller shops—you wheel them to the tool in use and hook the hose to a dust port on the tool. In larger home and commercial shops it's common to have each tool hooked by ductwork to a large stationary dust collector.

5 Types of Dust Collectors

Shop Vacuums

For light-duty dust collection from a router or sander, you can use a shop vacuum, but with its modest airflow and small-diameter hose, a shop vacuum will simply be overwhelmed by planer or jointer debris. Its universal motor is less powerful, less durable and noisier than the induction motor in a dedicated dust collector.



Single-Stage

A single-stage blower-and-bag unit has a pair of bags. A lower bag captures large debris that drops out of the airstream; an upper bag filters fine dust from the airstream. A powerful single-stage collector can be used for centralized dust collection by connecting it to all of your major machinery with ductwork. This design's drawback is that everything—including large debris—passes directly through the impeller, causing wear and decreased suction over time.



Two-Stage

The blower of a two-stage collector is usually mounted on top of a collection drum. Large chips fall into the drum before they reach the impeller, so it isn't worn by flying chips. Fine dust collects in the filter bag. A drawback to two-stage collectors is having to



Features

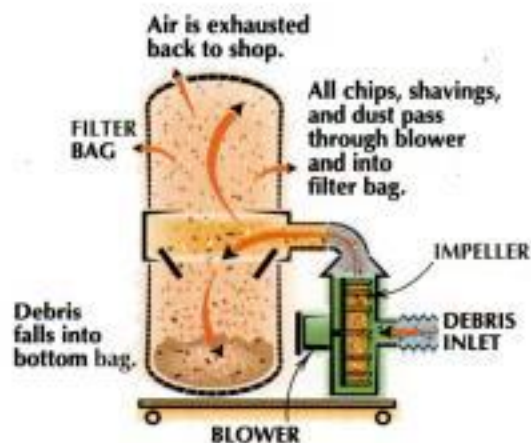
Portability

Unless your shop has ductwork, you'll want a roll-around collector that you can attach to individual machines as needed. Many portable models may be used as central dust collectors when you're ready to run the ductwork.

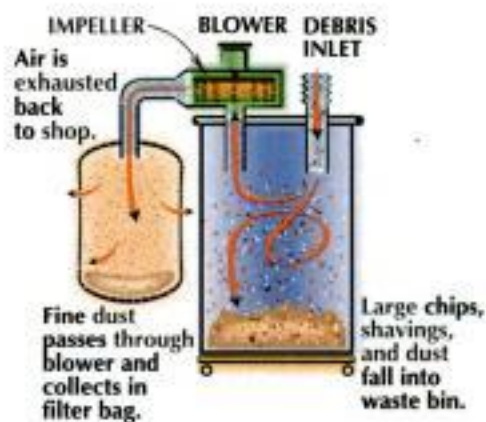
Airflow

Dust collectors are rated by the volume of air they can move (cfm or cubic feet per minute) at a given static, or constant pressure (resistance to air-flow measured in "inches of water"). The key to a realistic rating is the symbol "@." If a collector is rated "500 cfm @ 8 in. sp," that's what it will deliver under real load conditions. Buy a unit with enough cfm to handle your biggest dust-producing machine (see box, at right). If you'll use more than one machine at a time, buy a collector with enough cfm to handle these machines simultaneously.

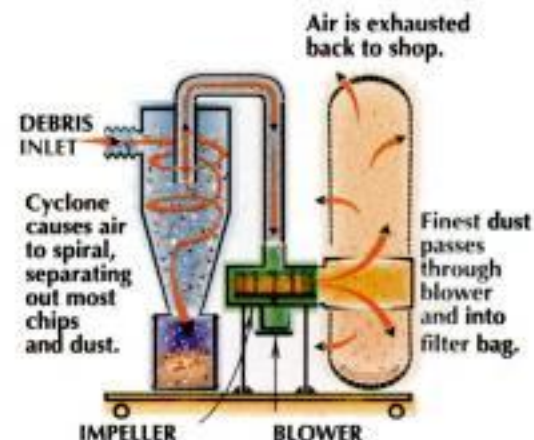
Single-Stage Collector



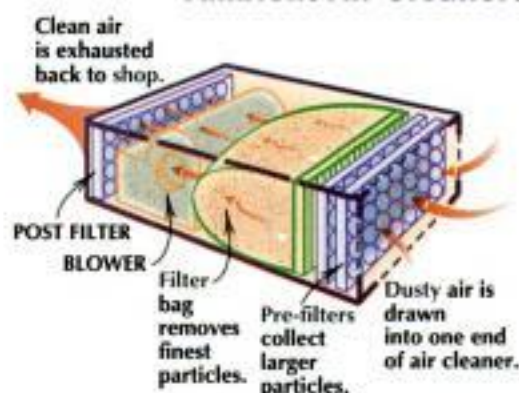
Two-Stage Collector



Cyclone Pre-Collectors



Ambient Air Cleaners



Filter-Bag Efficiency

Filter bags vary in efficiency. The typical bag traps particles down to about 50 microns. The most efficient capture 10-micron particles, but super-efficient bags with a very fine weave can capture particles as small as 1 micron.

SIZING YOUR COLLECTOR

Air volume requirements in cubic ft. per minute (cfm)

Machine	Required cfm	Machine	Required cfm
Planer, up to 12 in.	400	Jointer, 4 to 12 in.	350
Planer, 13 to 20 in.	500	Belt-disc sander	300
Spindle shaper	400	Lathe	500
Bandsaw	300	Drill press	300
Radial-arm saw	350	Scrollsaw	300
Tablesaw	350		

lift the heavy blower housing to empty the waste drum.

Cyclone Pre-Collectors

This collector's cone shape creates a vortex that separates the chips and debris from the air, depositing all but the finest dust in a waste container at the bottom of the cone. Only the finest dust passes through the blower and into the filter bag.

Professionals favor cyclone pre-collectors because they handle large volumes of debris. They're



Ambient Air Cleaners

Hung from the ceiling, an ambient air cleaner traps the fine, airborne dust particles that a dust collector may miss. Typically, a blower, driven by a continuous-duty motor, pulls air through a series of filters to trap these particles.



Dust Collectors

KEY: NA = information not available. *User supplies waste drum.
New models in red.

Tradesman 9992

See page 5
for listing of manufacturers.

SINGLE STAGE

Brand & Model	List Price	HP	Max. cfm	Max. static pressure (in. of water)	Sawdust Cpy. (cu. ft.)	No. of Inlet Ports, Port Dia. (in.)	Volts	Weight (lb.)	Comments & Features
Penn State DC5-5	\$179	½	914	9.4	1	1, 4	115	18	Wheels incl.
RBI 821	295	½	680	4.4	7.4	1, 4	115	75	
Shopsmith DC3300	500	½	330	NA	4	3, 2½	115	64	
Woodmaster 820	295	½	680	4.4	*	1, 4	115/230	50	Incl. 0.4-micron dust bag that fits on 55-gal. drum.
Jet DC-610	299	¾	610	8.5	2.1	1, 4	115	80	4-caster base.
Tradesman 9992	249	¾	453	6.5	1.5	1, 4	115	64	Wheels incl.
Woodtek 911047	160	¾	250	NA	20 gal.	1, 4	115	18	
Belsaw MC-CT-50S	189	1	700	5.5	2	1, 4	115	46	Wheels incl.; wall mount.
Belsaw MC-CT-80A	249	1	600	5	2.2	1, 4	115/230	70	Wheels incl.
Belsaw MC-CT-90C	299	1	700	5.5	2.2	1, 4	115/230	73	Wheels incl.
Bridgewood BW-015A	169	1	700	5.5	2.4	1, 4	115/230	95	Wheels incl.
Craftsman 29978	300	1	650	8.5	1.5	1, 4	115	95	Wheels incl.
Delta 50-840	270	1	650	8.5	2.1	1, 4	115/230	57	Wheels incl.; balanced, curved impeller.
Grizzly G1028	240	1	1,150	10.3	6	1, 4	115/230	116	Wheels incl.
Grizzly G1163	150	1	450	2.8	2	1, 4	115/230	70	Wheels incl.
Grizzly G8027	129	1	500	2.8	2.2	1, 4	115/230	79	Wheels incl.
General Int'l 10-010	435	1	675	5.5	20 gal.	1, 4	115	76	Wheels; 2-micron bag.
General Int'l 10-110	695	2	1,000	8.3	42 gal.	2, 4	230	124	Wheels; 2-micron bag.
General Int'l 10-210	1,200	3	1,800	8.7	83 gal.	3, 4	230	164	Wheels; 2-micron bag.
Jet DC-650	329	1	650	8.5	2.1	1, 4	115	84	30-micron bag; steel impeller.
Lobo DC-1190	219	1	710	8.5	2.8	1, 4	115	86	Wheels incl.; steel impeller.
North State CT-50S	200	1	700	5.5	3.5	2, 4	115	80	Wheels incl.
Penn State DC1-5	210	1	800	5.5	2.2	2, 4	115/230	66	8-ft. hose; 5-micron bags.
Reliant NN720	200	1	610	5.5	2.5	1, 4	115	67	
Robland D1500	545	1	1,000	NA	30	1, 4	115	100	



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2000 TOOL BUYER'S GUIDE

Dust Collectors

KEY: NA = information not available. *User supplies waste drum.
New models in red.

Brand & Model	List Price	HP	Max. cfm	Max. static pressure (in. of water)	Sawdust Cpy. (cu. ft.)	No. of Inlet Ports, Port Dia. (in.)	Volts	Weight (lb.)	Comments & Features
Seco UFO-40	\$132	1	500	4.5	1.5	1, 4	115/230	45	Wheels incl.
Seco UFO-70	209	1	655	5.5	2.5	1, 4	115/230	80	Wheels incl.
Seco UFO-70F	225	1	655	5.5	2.5	1, 4	115/230	88	Wheels incl.
Seco UFO-80	230	1	655	5.5	2.5	1, 4	115/230	88	Wheels incl.; floor sweeper standard.
Seco UFO-90	167	1	655	5.5	2.5	1, 4	115	75	Wheels incl.; opt. 5-micron bag.
Star S3810	195	1	700	4.5	2.2	1, 4	115/230	80	Wheels incl.; opt. 2-micron bag.
Star S3811	175	1	700	4.5	1.5	1, 4	115/230	51	Wheels incl.; opt. 2-micron bag.
Sunhill UFO-90	195	1	610	5.5	2.5	1, 4	115/230	70	Wheels incl.
Woodtek 802124	229	1	400	5.5	2.5	2, 4	115	85	Wheels incl.
Woodtek 864367	209	1	380	8.7	3.5	2, 4	115	47	Wheels incl.
Delta 50-850	395	1½	1,200	11.4	6	2, 4	115/230	100	Wheels incl.; balanced, curved impeller.
Penn State DC2-5	299	1½	900	8.5	5.8	2, 4	115/230	130	50-ft. hose; 5-micron bags.
Penn State DC3-5	205	1½	760	8.5	1.5	1, 4	115/230	46	8-ft. hose; 5-micron bags.
Powermatic 73	480	1½	1,200	8	3.5	2, 4	115	125	Wheels incl.; floor sweep.
Transpower DC747	175	1½	740	5.5	2	1, 4	115	65	
Belsaw MC-1DC	395	2	1,182	8.3	5.2	2, 4	230	123	Wheels incl.
Bridgewood BW-002A	279	2	1,059	9.1	5.8	2, 4	115/230	117	Wheels incl.
Delta 50-851	588	2	1,500	13.7	6.5	3, 4	230	175	Wheels incl.; sound-erase baffle.
Grizzly G1029	250	2	1,550	12.3	6	2, 4	230	130	Wheels incl.
Jet DC-1200-1	549	2	1,200	11	5.34	2, 4	230	143	Wheels incl.
Jet DC-1100	499	1½	1,100	11.5	5.1	2, 4	115/230	103	
Jet DC-1200-3	579	2	1,200	9.5	5.3	3, 6 & 4	230	143	Wheels incl.; 30-micron bag; steel impeller.

SINGLE STAGE

See page 5 for listing of manufacturers.

Continued on page 70

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Dust Collectors

KEY: NA = information not available. *User supplies waste drum.

New models in red.



Powermatic 73



Grizzly G8027



RBI 100

See page 5
for listing of manufacturers.

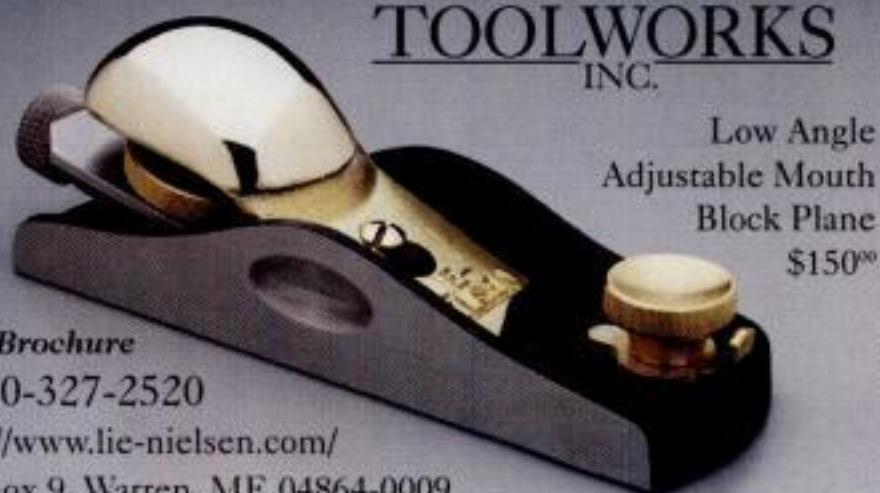
SINGLE STAGE

2-STAGE

Brand & Model	List Price	HP	Max. cfm	Max. static pressure (in. of water)	Sawdust Cpy. (cu. ft.)	No. of Inlet Ports, Port Dia. (in.)	Volts	Weight (lb.)	Comments & Features
Lobo DC-101	\$359	2	1,290	9.1	9.5	2, 4	115/230	155	Wheels incl.; steel impeller.
Makita 410	763	2	307	NA	7	1, 2½	115	20.4	Designed for portable benchtop tools.
Murphy-Rodgers MRT-5A	1,110	2	800	6.5	7.4*	1, 5	230/460	110	Wheels opt.
North State UFO-101	295	2	1,182	9.5	5.4	3, 4 & 5	115/230	140	Wheels incl.; steel impeller.
Reliant NN820	300	2	1,182	7.6	5.2	2, 4	115/230	140	
Seco UFO-101	288	2	1,182	7.5	5.2	3, 4 & 5	115/230/460	140	Wheels incl.; opt. 5-micron bag.
Star S3820	295	2	1,182	8.3	5.2	1 or 2 4 or 5	230	145	Wheels incl.; opt. 2-micron bag.
Sunhill UFO-101	325	2	1,182	7.5	5.2	2, 4	115/230	143	Wheels incl.
Transpower DC2000	285	2	1,200	5.6	4	2, 4	115/230	143	
Woodtek 805930	399	2	790	8.3	5.2	2, 5	230	123	Wheels incl.
Penn State DC250	335	2½	1,350	9.5	5.8	2, 4	230	145	5-micron bag; 50 ft. hose.
Belsaw MC-2DC	589	3	1,883	8.7	10	3, 4	230	150	Wheels incl.
Belsaw MC-CT-201H	589	3	1,836	8.7	10	3, 4	230	156	Wheels incl.
Bridgewood BW-003	795	3	1,950	5.8	19.3	4, 4	230	242	Wheels incl.
Bridgewood BW-003A	495	3	1,836	5.8	13.5	4, 4	230	202	Wheels incl.
Bridgewood BW-005A	949	5	3,500	9.7	NA	4, 4	230	400	1-micron top bag; plastic bottom bag; wheels incl.
Delta 50-852	823	3	2,100	18.1	12.5	4, 4	230	200	Wheels incl.; balanced, curved impeller.
Grizzly G1030	449	3	2,300	16.7	12	3, 4	230	165	Wheels incl.
General Int'l 10-510	1,630	5	5,100	16	144 gal.	4, 4	230	370	Wheels incl.; 2-micron bag.
Jet DC-1900	899	3	1,900	10.2	10.6	3, 4	230	198	Wheels incl.; 30-micron bag; steel impeller.
Jet DC-1900-3	929	3	1,900	10.2	10.7	4, 6 & 4	230	198	Wheels incl.; 30-micron bag; steel impeller.
Lobo DC-102	519	3	1,883	9.5	10.5	3, 4	115/230	198	Wheels incl.; steel impeller.
Lobo DC-103	399	3	1,700	9.5	10.5	2, 4	115/230	160	Wheels incl.; steel impeller.
North State UFO-102B	485	3	1,883	9.5	5.4	4, 5 & 6	230	180	Wheels incl.; steel impeller.
Penn State DC4-5	499	3	1,900	10.2	11.6	3, 4	230	200	5-micron bags incl.
Powermatic 75	812	3	1,900	8	10.5	3, 4	230	215	Wheels incl.; single or 3 phase.
RBI 1900	499	3	1,900	9.2	7.4	1, 6	230	110	
Reliant NN830	500	3	1,883	9.1	10.5	3, 4	230	170	
Seco UFO-102B	455	3	1,883	9.1	10.5	3, 4	115/230/460	181	Wheels incl.; opt. 5-micron bag.
Star S3830	495	3	1,885	5.8	10.4	1 or 3 4 or 6	230	165	Wheels incl.; opt. 2-micron bag.
Sunhill UFO-102B	459	3	1,883	9.1	10.5	3, 4	230	181	Wheels incl.
Sunhill UFO-103	795	3	2,683	10.3	17.6	4 : 4	230	363	Wheels incl.; 3 phase.
Transpower DC3000	335	3	1,850	5.6	5.3	3, 4	115/230	178	
Transpower DC4000	445	3	1,968	5.8	6.7	4, 4	115/230	250	
Woodmaster 1033	499	3	2,688	9.2	*	1, 7	230	140	Incl. 0.4-micron dust bag that fits on 55-gal. drum.
Woodtek 864381	489	3	1,180	8.6	10.5	2, 6	230	194	Wheels incl.
Grizzly G5954	1,000	5	4,820	17	42.4	4, 4	230	400	
Lobo DC805	1,490	5	3,600	13	18.7	4, 4	230/460	450	Wheels incl.; steel impeller.
Delta 50-660	369	¾	540	7	11	1, 4	115	60	Wheels incl.
Delta 50-665	506	1½	1,100	8.5	19	1, 5	115/230	73	Drum not incl.
RBI 4	499	¾	450	7	2	1, 4	115	120	
RBI 100	399	¾	450	3	7	1, 4	115	62	
Dust Boy 1002	515	1	750	7.0	9	1, 6	115/230	60	Wheels, 1-micron bag opt.
Festo Tooltechnic SR201E-AS	636	1½	132	NA	2	1, 2½	115/230	32	Tool triggered.
Delta 50-181	1,007	2	1,100	8.5	7.4*	1, 6	230	97	Wheels, 1-micron bag opt.
Dust Boy 1004	565	2	1,100	8.5	9	1, 6	115/230	75	Wheels, 1-micron bag opt.
RBI 400	999	2	1,100	8.5	7	1, 4	230	100	
Delta 50-182	1,167	3	1,300	10	7.4*	1, 6	230/460	113	Wheels, 1-micron bag opt.

Continued on page 72

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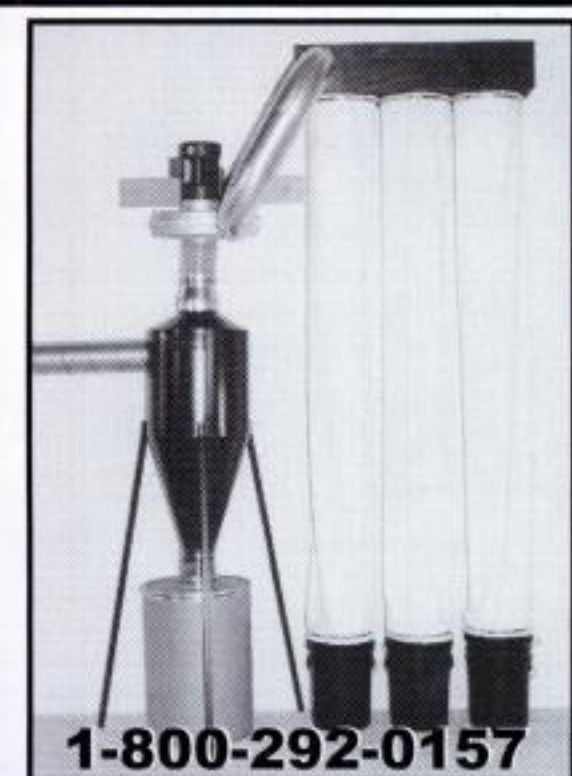
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Dust Collectors

KEY: NA = information not available. *User supplies waste drum.
New models in red.

Oneida Air 2 HPTF



Delta 50-900

CYCLONE

Brand & Model	List Price	HP	Max. cfm	Max. static pressure (in. of water)	Sawdust Cpy. (cu. ft.)	No. of Inlet Ports, Port Dia. (in.)	Volts	Weight (lb.)	Comments & Features
Dustvent 12T 1½	\$1,845	1½	900	8	7.3*	1-7	230/460	225	Filter incl.; 1 phase avail.
Oneida Air 1½ HP	786	1½	700 @ 8"	10	5 or 8	1, 6	115/230	105	Wheels opt.; drum incl.
Penn State Cyclone CYDC3	499	1½	760	8.5	*	1, 5	115/230	90	Trash container not incl.
Aget Dustkop 11 HS 51	1,540	2	1,200	6.6	7.4	1, 6	115/230	400	Filter incl.; cast alum fan (impeller).
BlueTornado 102C	1,100	2	1,370	10.6	14.8	1, 6	230	245	Cast-aluminum blower housing & impeller.
Murphy-Rodgers 6A2-D	1,630	2	900	6.5	7.4*	1, 6	230/460	460	
Oneida Air 2 HP Industrial	1,246	2	900 @ 8"	10	5 & up	1, 7	115/230	200	Aluminum impeller; drum incl.
Oneida Air 2 HPTF	1,246	2	900 @ 8"	10	5 & up	1, 7	115/230	200	Aluminum impeller; drum incl.
Penn State Tempest Cyclone	599	2½	1,350	9.5	*	1, 5	230	140	Trash container not incl.
BlueTornado 103C	1,500	3	2,140	12.3	14.8	1, 7	230	320	Cast aluminum blower housing & impeller.
Delta 50-900	2,196	3	1,780	9 @ 200 cfm	14.8*	1, 8	230/460	350	2-stage cyclone tower.
Dustvent 15T3	2,095	3	1,500	11	7.3*	1-9	230/460	345	Filters incl.; 1 phase avail.
Dustvent 15T5	2,340	5	1,950	15	7.3*	1-10	230/460	365	Filters incl.; 1 phase avail.
Dustvent 19T3	2,865	3	1,800	11	7.3*	1-10	230/460	680	Filters incl.; 1 phase avail.
Dustvent 19T5	3,015	5	2,400	14	7.3*	1-11	230/460	650	Filters incl.; 1 phase avail.
Dustvent 19T7½	3,330	7½	2,800	15	7.3*	1-12	230/460	670	Filters incl.; 1 phase avail.
Oneida Air 3HP Indust.	1,488	3	1,350 @ 8"	10	5 & up	1, 8	230	250	Alum. impeller; drum incl.
Oneida Air 3 HPTF	1,488	3	1,350 @ 8"	10	5 & up	1, 8	230	250	Alum. impeller; drum incl.
Oneida Air 5HP Indust.	3,105	5	2,000 @ 8"	14	5 & up	1, 10	230	550	Weather resist.; drum incl.
Penn State Cyclone	270	Fits 1-2½	Fits 700-1,350	NA	*	1, 5	NA	40	Motor blower not incl.

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Dust Collectors

KEY: Mounting Options: B = bench, C = ceiling, W = wall.
NA = information not available. **New models in red.**



Hartville Tool
PureAir



JDS Air-Tech 10-16

AMBIENT AIR CLEANERS

Brand & Model	List Price	Airflow cfm	No. of Filters	Dust Removal Efficiency	Mounting Options	Cabinet LxWxD (in.)	Weight (lb.)	Comments & Features
Craftsman 16995	\$180	200	2	93% @ 5 mic.	B, C	NA	10	Air filtration (plastic).
Craftsman 29972	250	300	2	95% @ 5 mic.	B, C	33 x 20 x 11	10	Air filtration (metal).
Woodtek 923838	200	340	2	0.5 micron	B, C, W	30 x 12 x 12	45	Washable filters.
Hartville Tool PureAir	249	460	3	99% @ 5 mic.	B, C, W	20 x 24 x 12	30	3-stage filter; carbon filter
Jesada Tools ACS-100	190	460	3	98% @ 3 mic.	B, W	12 x 24 x 20	30	3-stage filter.
Woodworker's 897226	269	460	3	0.5 micron	B, C, W	24 x 20 x 12	30	Washable pre-filter.
Penn State PSI AC465	219	465	2	65% @ 1 mic.	B, C	24 x 12 x 30	40	Opt. filters.
Delta 50-860	291	850	2	98% @ 5 mic.	B, C	30 x 24 x 12	50	Opt. charcoal filter.
Grizzly G5955	180	510	2	98% @ 3 mic.	C	30 x 24 x 12	40	
Woodtek 923859	250	510	2	0.5 micron	B, C, W	11½ x 11½ x 20	30	Washable filter bag.
Penn State PSI DC720	199	720	1	35% @ 1 mic.	B	23 x 10½ x 8	25	Benchtop model.
Reliant DD450	200	450	2	98%	B, C	30 x 12 x 12	40	2-stage filter.
JDS Air-Tech 2400	1,095	2,400	3	99% @ 5 mic.	B, C	24 x 24 x 54	203	Electro. or char. filter.
Grizzly G4705	396	920	2	98% @ 3 mic.	C	30 x 24 x 12	47	
General Int'l 10-600 M1	275	1,200	3	0.5 micron	B, C, W	13½ x 13½ x 20	50	Remote control.
Penn State PSI AC930	299	930	2	65% @ 1 mic.	B, C	24 x 12 x 30	51	2 speeds.
Penn State PSI AC2500	999	2,500	2	65% @ 1 mic.	B, C	24 x 24 x 54	160	
JDS Air-Tech 10-16	695	1,000 or 1,600	3	99% @ 5 mic.	B, C	44 x 24 x 20	92	2 spds; electr. or char. filt.
JDS Air-Tech 750	259	200 to 750	3	99% @ 5 mic.	B, C	34 x 24 x 12	62	2 spds; electr. or char. filt.
JDS Air-Tech 8-12	495	800 or 1,250	3	99% @ 5 mic.	B, C	44 x 24 x 20	86	2 spds; electr. or char. filt.

See page 5
for listing of manufacturers.

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Jigsaws

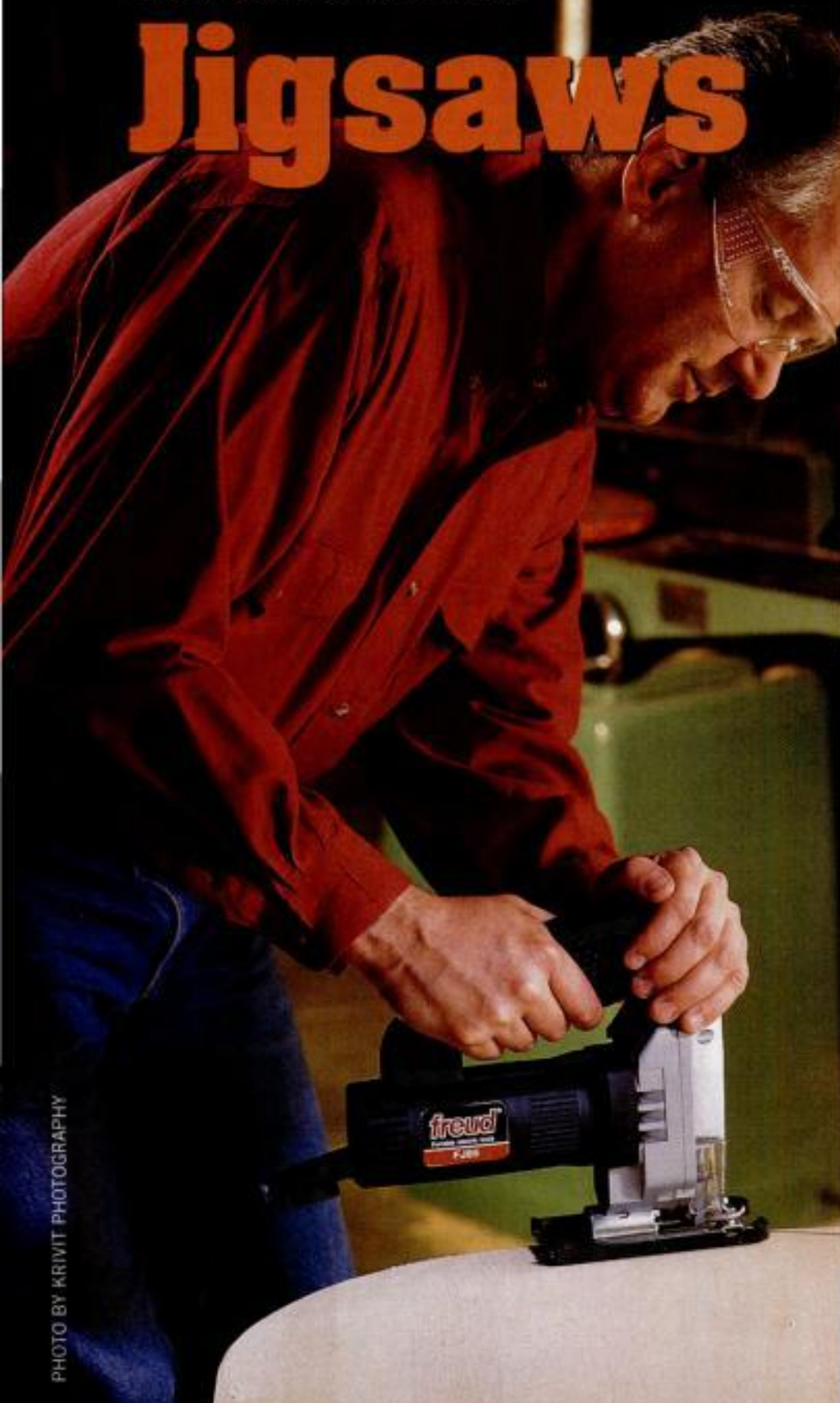


PHOTO BY KRIVIT PHOTOGRAPHY

The jigsaw will make curving cuts in any width or length of material, unlike its larger cousin, the bandsaw. With a long blade it will cut boards up to 3-in. thick. Other blades allow you to cut non-wood materials like laminates, plastic and metal. The recent availability of 18-volt cordless models makes the jigsaw an extremely versatile tool, especially on the jobsite.

3 Types of Jigsaws

Top-Handle

This most-common design has a handle positioned above and in-line with the motor. Typically, a trigger switch is incorporated into the handle. This comfortable-to-hold design increases control when cutting thick boards.



Barrel-Grip

You grip the motor housing to operate this type of jigsaw—perfect for operators with large hands. The switch is sometimes placed on the top or bottom of the housing; on some models it's on the left side, readily accessible to a right-hander's thumb. Some users say having the hand low and behind the blade makes this a faster cutting saw.



In-Line

In this design (only available from Bosch), the blade protrudes from the motor like a dagger, so it can get into places most other jigsaws can't. However, the tiny baseplate makes it less accurate than conventional jigsaws.



Features

Orbital Blade Action

When the jigsaw was introduced, the blade cut with a "straight-line" up-and-down action. In recent years, an orbital cutting action has been added—the blade moves slightly forward on the upstroke and backward on the downstroke for more aggressive cutting. On most models you can switch the orbital action On or Off, and on some, you can choose the degree of orbital action.

Stroke Length

The up and down distance the blade travels is the stroke. A longer stroke offers better chip clearance and allows faster cutting.

Speed Control

Variable speed lets you speed up for fast cuts, but slow down for cleaner cuts in thin woods. Slowed way down a jigsaw will cut plastic or metal.

Blade Guides

This feature limits side-to-side and rearward deflection of the blade so you get more accurate cuts and less blade breakage. Not all models have a blade guide, particularly models with a scrolling head.

Baseplate

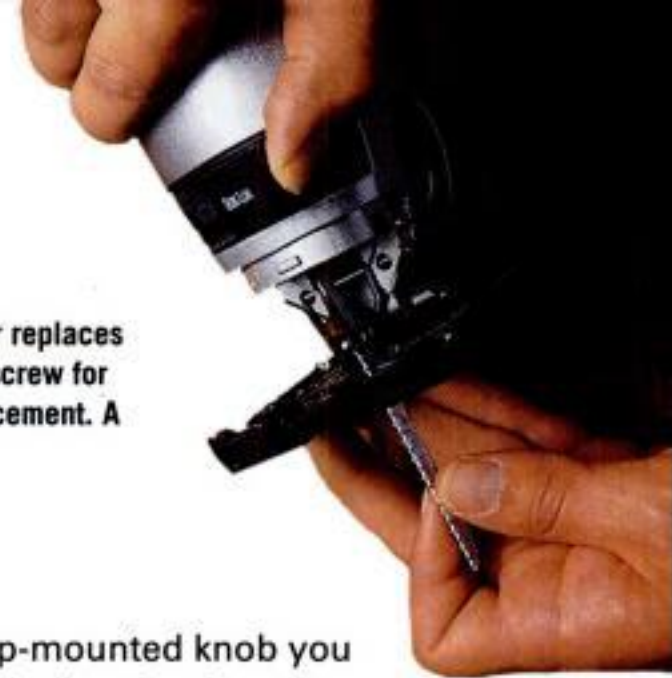
Look for one that won't flex or loosen during operation. An adjustable baseplate should have detents for stops at 45° and 90° (see photo, lower right).

Blade Mount

Several different blade-mounting designs are used on jigsaws. Most models will accept universal-type blades, but some require special blades. Some have quick-release mechanisms (see photo, top right). On most saws, a setscrew must be loosened to release and replace the blade.

Quick change.

A quick-release lever replaces the conventional setscrew for tool-free blade replacement. A neat convenience.



Scrolling Head

Some jigsaws have a top-mounted knob you turn to change the blade's direction for cutting smaller curves.

Dust Control

Although jigsaws don't generate a lot of dust, the chips collect in front of the blade, obscuring the cutline. Many models have a chip blower to clear them. Some of the latest models have vacuum ports so the saw can be connected to a shop vacuum.



Cut at full tilt. Adjustable-angle baseplates allow you to cut angles up to 45°.

Options/Accessories

EXTRA BLADES. Stock up on blades that are used and/or break most often. Stick with bimetal blades; though they're more expensive than high-speed steel ones. Bimetal blades last longer. \$8 for 5 blades. Available from Woodworker's Supply; (800) 645-9292.

EDGE GUIDE WITH CIRCLE CUTTER. This guide attaches to the jigsaw base to guide straight cuts parallel to an edge. It can also be used as a trammel to guide circular cuts. \$20. Available from individual manufacturers.

THE CORDLESS OPTION. When you're working outside—or where a cord will be in the way—a cordless jigsaw is extra handy. \$100 – \$350, from several manufacturers. Call Tools on Sale (800) 328-0457.

Jigsaws

KEY: Type: BG = barrel grip, IL = in-line, TH = top handle. Blade Mount Type: B = bayonet, H = hook, T = tang, U = universal, WU = wide universal. Dust Control: CB = chip blower, VP = vacuum port. Y = yes, N = no. — = not applicable. *Has toolless blade change. **Has orbital blade action. **New models in red.**



Bosch 1589EVS



Craftsman 17228



DeWalt DW321K



Makita 4304T



Milwaukee 6276-6

See page 5
for listing of manufacturers.

Brand & Model	List Price	Type	Blade Mount Type	Blade Guide	Stroke Length (in.)	Cuts per Minute	Amps	Dust Control	Weight (lb.)	Comments & Features
Black & Decker JS200	\$30	TH	U	Y	1 1/2	800 - 3,200	3.2	CB	4	Sightline channel; blade storage.
Black & Decker JS300K	45	TH	U	Y	1 1/2	800 - 3,200	3.5	CB	4	Quick clamp blade change system; case incl.; blade storage.
Black & Decker JS350	50	TH	U*	Y	1 1/2	800 - 3,200	3.7	CB, VP	4	Scrolling feature; quick clamp toolless blade change system; electronic var. speed.
Bosch 1581AVS	260	TH	B	Y	1	500 - 3,100**	5	CB	5.5	3 blades.
Bosch 1581AVSK	266	TH	B	Y	1	500 - 3,100**	5	CB	5.5	Case incl.
Bosch 1584AVS	296	BG	B*	Y	1	500 - 3,100**	5	CB	5.5	No case; anti-splinter insert; 3 blades.
Bosch 1584AVSK	303	BG	B*	Y	1	500 - 3,100**	5	CB	5.5	Case incl.; 3 blades; anti-splinter insert.
Bosch 1587AVS	296	TH	B*	Y	1	500 - 3,100**	5	CB	5.5	No case; 3 blades; anti-splinter insert.
Bosch 1587AVSK	303	TH	B*	Y	1	500 - 3,100**	5	CB	5.5	Case incl.; 3 blades; anti-splinter insert.
Bosch 1588EVS	306	BG	B*	Y	1	500 - 3,000**	6	CB	4.9	No-mar overshoe.
Bosch 1588EVSK	313	BG	B*	Y	1	500 - 3,100**	6	CB, VP	4.9	Case incl.
Bosch 1589EVS	306	TH	B*	Y	1	500 - 3,100**	6	CB	5.1	No case.
Bosch 1589EVSK	313	TH	B*	Y	1	500 - 3,100**	6	CB, VP	5.1	Case incl.
Craftsman 17228	80	TH	U	Y	3/4	0 - 3,000**	4	CB, VP	3.4	Blade storage; 4 orbital settings.
Craftsman 17230	30	TH	U	N	3/4	2600 - 3,000**	3	CB	4.4	Blade storage.
Craftsman 17231	50	TH	U	Y	3/4	0 - 3,000**	3.5	CB, VP	4.4	Blade storage.
Craftsman 17232	70	TH	U	N	3/4	0 - 3,000**	3.5	CB, VP	5	360° auto-scroll; blade storage.
Craftsman 17228	80	TH	U	Y	3/4	0 - 3,000	4	CB, VP	3.4	Blade storage; 4 orbital settings.
Craftsman 27251	140	TH	U	Y	1	0 - 3,100**	4.5	—	6.2	
DeWalt DW313	109	TH	U	Y	1	3,100**	4.5	CB	6.2	Case incl.
DeWalt DW318K	224	TH	U	Y	1	0 - 3,100**	4.5	—	6.2	Case incl.
DeWalt DW321K	300	TH	B, U*	Y	1	500 - 3,100**	5.8	CB	6.4	Toolless base adj.; case incl.
DeWalt DW323K	300	BG	B, U*	Y	1	500 - 3,100**	5.8	CB	6.4	Case incl.
DeWalt DW933K	259			Y	1	2,000**	1.7		7	
Fein Aste 638	623	BG	U	N	1 3/8	1,050 - 2,600	3.9	VP	4.8	Adj. base.
Festo PS2E+	292	BG	B	Y	1	1,200 - 3,100**	4	CB, VP	4.9	16-ft. cord.
Freud FJ65	151	TH	B, U	Y	3/4	0 - 3,000**	3.2	VP	3.4	3 orbital settings.
Freud FJ85	230	TH	B, U	Y	1	0 - 3,000**	4.8	VP	5.4	3 orbital settings.
Hitachi CJ65V2K	162	TH	B, U, WU	Y	1	700 - 3,200**	5.2	CB	5.5	Case incl.
Hitachi CJ65VA2K	162	BG	B, U, WU	Y	1	700 - 3,200**	5.2	CB	5.3	Case incl.
Makita 4304	329	TH	U	Y	1	500 - 3,000**	5.5	—	5.1	Anti-splinter insert.
Makita 4304T	329	TH	B, WU, U*	Y	1	500 - 3,000**	5.5	CB	5.1	
Makita 4305	305	BG	B, WU	Y	1	500 - 3,000**	5.5	CB	5.1	Anti-splinter insert.
Makita 4323	122	TH	U	Y	1 1/2	500 - 3,100**	3.7	VP	4	Lightweight; compact.
Makita 4324	144	TH	U	Y	1 1/2	500 - 3,100**	3.7	VP	4	3 orbital settings.
Metabo EP565	319	TH	U	Y	1	500 - 3,000**	5	CB, VP	6.2	
Metabo STEP550	215	TH	B, U	Y	3/4	1,000 - 3,000**	4.8	CB	5.9	Vacuum port opt.
Metabo STEP600Q	251	TH	B*	Y	3/4	1,000 - 3,000**	5.2	CB, VP	5.9	
Metabo STEP700Q	325	BG	B*	Y	1	1,000 - 3,000**	6	CB, VP	6.4	Steel case.
Milwaukee 6256-6	284	TH	U	Y	1	0 - 3,100	3.8	CB	5.8	Trigger speed control.
Milwaukee 6266-6	319	TH	B*	Y	1	450 - 3,100**	5.7	CB, VP	5.3	Anti-splinter insert.
Milwaukee 6266-21	329	TH	B*	Y	1	450 - 3,100**	5.7	CB, VP	5.3	Case incl.
Milwaukee 6267-20	445	BG	B*	Y	1	1,700**	—	VP	5.8	12V cordless; less charger.
Milwaukee 6267-21	530	BG	B*	Y	1	1,700**	—	VP	5.8	12V cordless.

Jigsaws

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Brand & Model	List Price	Type	Blade Mount Type	Blade Guide	Stroke Length (in.)	Cuts per Minute	Amps	Dust Control	Weight (lb.)	Comments & Features
Milwaukee 6276-6	\$319	BG	B*	Y	1	450 - 3,100**	5.7	CB, VP	5.3	Anti-splinter insert.
Porter-Cable 548	440	TH	H, U	N	¾	0 - 4,500**	3.5	—	6.5	Fixed base; anti-splinter insert; worm drive.
Porter-Cable 9543	300	TH	T, U*	Y	1	500 - 3,100**	6	CB, VP	5.8	Case incl.; toolless base adj.
Porter-Cable 97549	254	TH	H, U	Y	1	500 - 3,200**	4.8	CB	6.5	Side blade guides; case incl.
Ryobi JS048	89	TH	WU	Y	¾	0 - 3,000**	4	CB	3.4	Smooth low vibration.
Skil 4225	52	TH	U	N	¾	3,200	3.2	CB	3.1	Blade storage.
Skil 4235	58	TH	U	N	¾	0 - 3,200	3.2	CB	3.1	Blade storage.
Skil 4340	76	TH	U	Y	¾	800 - 3,200	4	CB, VP	4	Blade roller guide; vac. port.
Skil 4445	86	TH	U	Y	¾	800 - 3,200**	4	CB, VP	4	5 orbital settings; vac. port.
Skil 4455	95	TH	U	N	¾	800 - 3,200	4	CB, VP	4.1	Manual and auto scrolling.
Skil 4470	105	TH	U	N	¾	800 - 3,200**	4	CB, VP	4.1	Manual and auto scrolling.
Skil 4470-44	114	TH	U	N	¾	800 - 3,200**	4	CB, VP	4.1	Manual and auto scrolling; 5 blades; case incl.



Porter-Cable 9543



Ryobi JS048



Makita 4323

See page 5
for listing of manufacturers.

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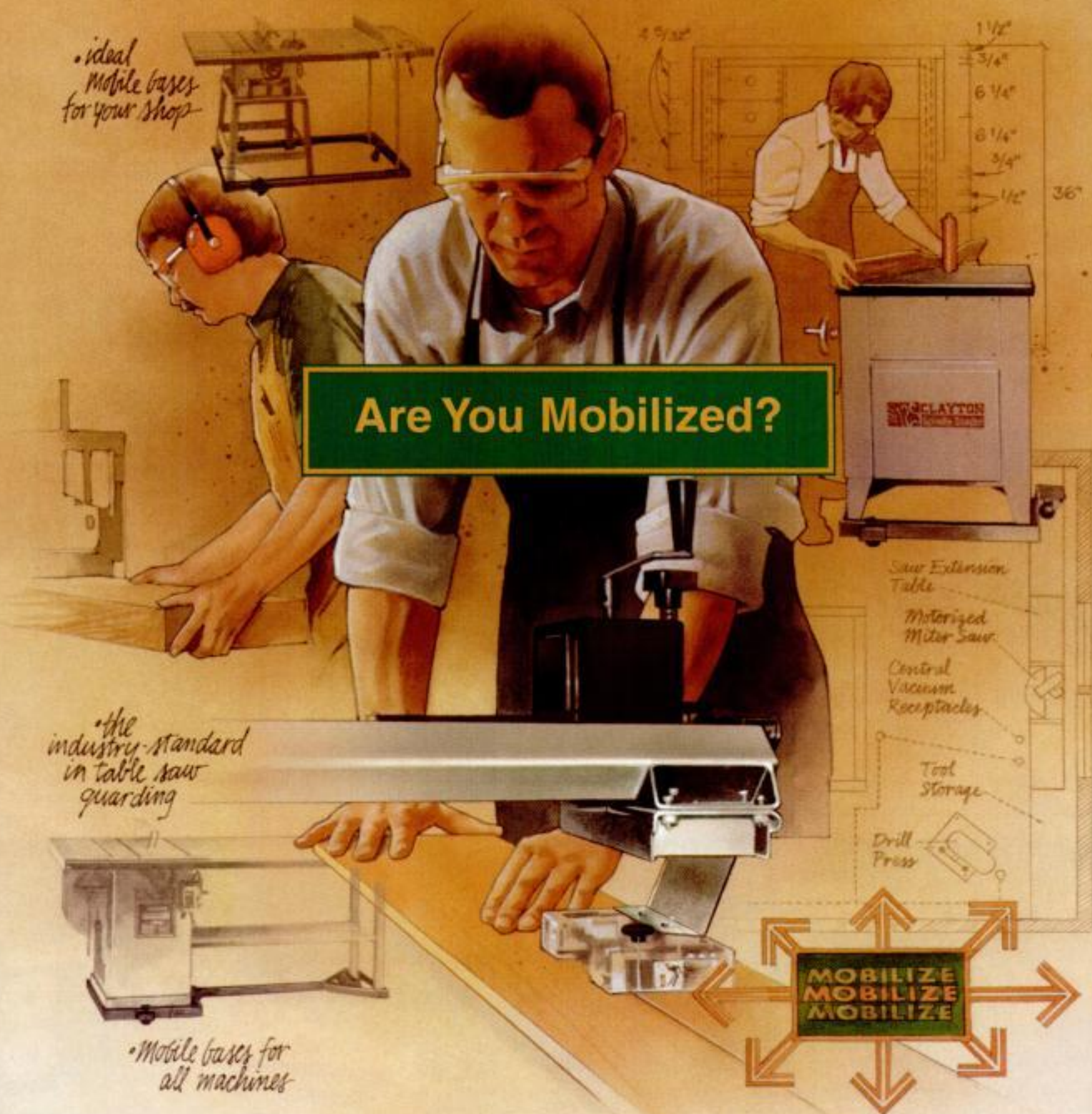
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Jointers



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The jointer, along with a tablesaw, is the foundation of fine woodworking. Jointers flatten cupped boards, true board edges for gluing into panels and cut bevels and rabbets. A jointer with well-adjusted tables will remove up to $\frac{1}{8}$ -in. of stock evenly along the edge of a workpiece, which makes the jointer an essential tool for trimming furniture and cabinet parts to size. The size of a jointer (6- and 8-in. models are most popular) indicates how wide a board it will surface plane.

2 Types of Jointers

Benchtop

If you work with shorter boards and want to save money, a benchtop jointer may be a good choice. Benchtop jointers have 4-in. and 6-in. wide beds and short infeed and outfeed tables. The universal motor is louder than the induction motor on a typical floor model, and it's not suited to heavy-duty use. Some benchtop models feature variable-speed control, which lets you tailor your cutting speed to the hardness of the material you're working and the desired cutting smoothness.



Floor-Model

A stationary model is a smart investment for any woodworker who builds lots of furniture with hardwoods. Along with jointing boards for gluing into panels, it can flatten one side of rough lumber for thicknessing in a planer, and is sturdy enough to handle edging jobs on large pieces of plywood. An 8-in. model will cost significantly more than a 6-in., but the extra width and length of the beds will make all jointing operations easier and more accurate.



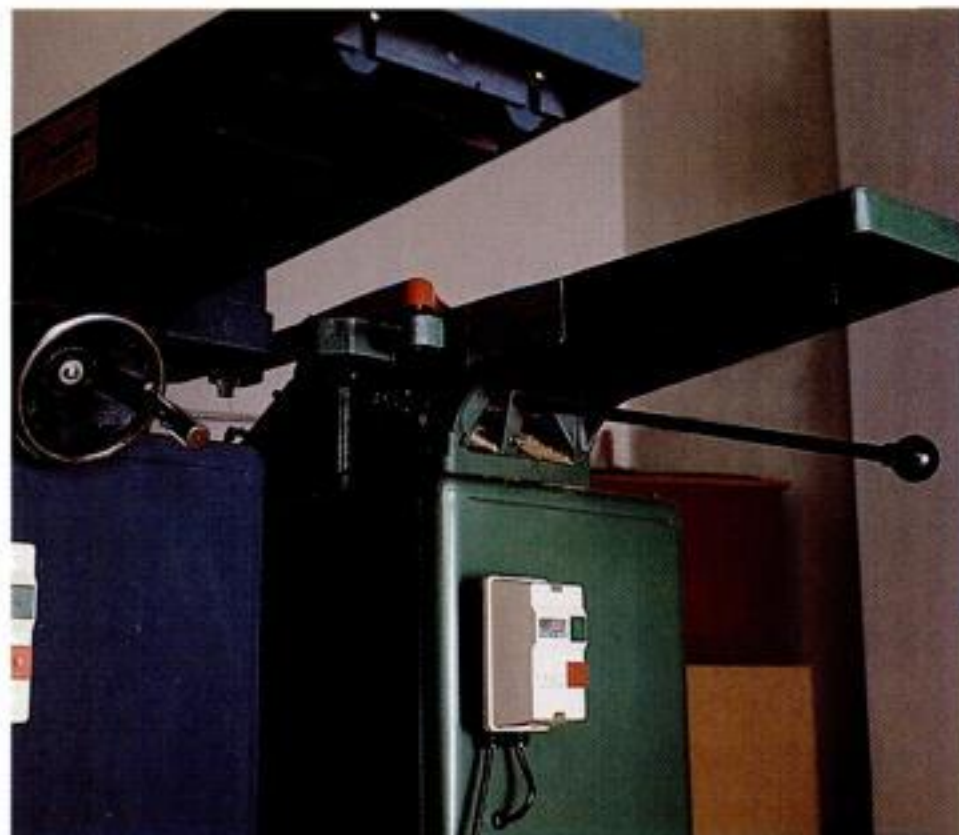
Features

Tables

Use a good straightedge to carefully check the flatness and parallel alignment of the tables before buying a jointer. For heavy use and greatest accuracy, the outfeed table should be adjustable.

Table Adjustments

Either a handwheel or a lever is used to adjust table height on jointers (see photo below). With the lever, you can raise and lower a table quickly, an advantage when surfacing rough stock. Although slower, a handwheel allows you to raise and lower a table in smaller increments. This is important on the outfeed table, as it allows you to align the table surface with the knives.



Fence

Like the tables, the fence should be machined flat, with a smooth finish to ease stock movement. A center-mounted fence is more stable than an end-mounted fence (see photo, top right). Check the fence's adjustability and squareness to the table before purchase.



Fence operation. A well-designed fence is center-mounted, with sturdy locking levers and adjustable stops at 45, 90 and 135 degrees.

Base

A factory-made base should be included in the price of all jointers except benchtop models. Look for sturdy construction with an integral dust chute and/or dust-collection port.

Rabbeting Ledge

Found on many floor-model jointers, this feature enables you to use the jointer to mill rabbets and tongues (see photo below).



Options/Accessories

PUSH BLOCKS. A must for safe milling operations, push blocks can be purchased or made in the shop. \$6. Available from Woodcraft Supply; (800) 225-1153.

EXTRA KNIVES. To minimize downtime when knives get nicked or dull, it's a good idea to have an extra set on hand. \$60. Available from individual manufacturers.

KNIFE-SETTING JIG. Changing knives can be a tough job. A knife-setting jig makes knife installation easier and more precise. If your jointer doesn't come with such a jig, you can purchase one separately. \$45. Available from Woodworker's Supply; (800) 645-9292.

EXTENSION ROLLERS OR SUPPORTS. When you mill long stock, adjustable rollers or supports can help you control the workpiece. This option is especially worthwhile with a small floor-model jointer. \$40. Available from HTC; (800) 624-2027.

Jointers

KEY: — = not applicable. Y = yes. N = no. OPT = optional. NA = information not available.
New models in red.



Ridgid JP0600



Jet JJ-60S



Sunhill CT-60L



Star S3107N

See page 5
for listing of manufacturers.

BENCHTOP

FLOOR

Brand & Model	List Price	Cutting Width x Bed Length (in.)	No. of Knives x Rpm	HP	Volts	Rabbeting Ledge	Dust Collection Port	Weight (lb.)	Comments & Features
Craftsman 21724	\$119	4 1/2 x 23 1/2	2 x 8,000	3/4	115	N	Y	19	Universal motor; cast-aluminum table.
Craftsman 21728	229	6 1/2 x 28 1/2	2 x 8,000	1 1/2	115	N	Y	30	Universal motor; cast-aluminum table.
Delta 37-070	362	6 1/2 x 30	2 x 6,000 - 11,000	NA	115	N	Y	35	Variable speed.
Star S3100	300	4 x 31	3 x 5,000	3/4	115/230	Y	Y	110	Center-mounted fence.
Jet JJ-60S	559	6 x 42	3 x 4,800	3/4	115/230	Y	Y	180	Industrial push-button switch; two-way fence.
Tradesman 8202A	349	6 x 42	3 x 4,000	1	115/230	Y	OPT	169	Front-mounted fence.
General 1180-1	937	6 x 42 1/2	3 x 4,200	—	—	Y	Y	185	Motor not incl.
General 1180-1-M1	1,217	6 x 42 1/2	3 x 4,200	3/4	115/230	Y	OPT	210	
Lobo JT-1006	289	6 x 42 1/2	3 x 4,500	1	115/230	Y	N	205	End-mounted fence; handwheel adj. table.
Lobo JT-2206	379	6 x 42 1/2	3 x 4,500	1	115/230	Y	Y	205	Center-mounted fence; cabinet stand.
Woodtek 801589	395	6 x 42 1/2	3 x 6,000	1	115/230	N	Y	191	Front & rear guards.
Bridgewood BW-6R	399	6 x 45 1/2	3 x 4,500	1	115/230	Y	Y	239	Handwheel adj. table; jackscrew adj.
Powermatic 54	764	6 x 45 1/2	3 x 4,500	3/4	115/230	Y	Y	215	Center-mounted cast-iron fence.
Reliant DD39C	400	6 x 45 1/2	3 x 4,500	1	115/230	Y	Y	214	Knife-setting gauge.
Delta 37-190 Deluxe	615	6 x 46	3 x 4,800	3/4	115/230	Y	Y	210	Center-mounted fence.
Delta 37-195	624	6 1/2 x 46	3 x 4,800	1	115/230	Y	Y	225	Rack and pinion; fence adjustment.
Delta 37-285	424	6 x 35 1/2	3 x 4,300	3/4	115	Y	N	145	Center-mounted cast iron fence.
General Int'l 80-100	570	6 x 46	3 x 4,800	3/4	115/230	Y	Y	275	Center-mounted fence.
General Int'l 80-100 LMI	620	6 x 56	3 x 4,800	3/4	115/230	Y	Y	285	Center-mounted fence; extra long table.
General Int'l 80-200 HC	2,035	8 x 66 1/2	hel. cutterhead x 4,500	1 1/2	230	Y	Y	520	Roller extend table to 94%.
General Int'l 80-300	3,700	12 x 80	3 x 5,000	3	230	Y	Y	1,080	Center-mounted fence.
General Int'l 80-300 HC	5,160	12 x 80	hel. cutterhead x 5,000	3	230	Y	Y	1,080	Helical cutter head.
Seco SK-0006JT	495	6 x 46	3 x 5,000	1	115	Y	Y	210	Fence tilt 45°.
Transpower JT700	325	6 x 46	3 x 4,500	1	115	Y	Y	210	Center-mounted fence.
Grizzly G1182	350	6 x 47	3 x 5,000	1	115/230	Y	OPT	215	Ball-bearing cutter head; adj. outfeed.
Grizzly G1182Z	395	6 x 47	3 x 5,000	1	115/230	Y	OPT	225	Cabinet stand.
Ridgid JP0600	399	6 1/2 x 45	3 x 5,000	3/4	115/230	Y	Y	208	Center-mounted fence; cabinet stand.
Star S3104	410	6 x 47	3 x 5,000	1	115/230	Y	Y	250	Nylon table protector; center-mounted fence.
Star S3104N	525	6 x 47	3 x 5,000	1 1/2	115/230	Y	Y	250	Jackscrew adj.
Sunhill CT-60L	425	6 x 52	3 x 4,500	1	115/230	Y	Y	220	Cast-iron table extensions.
Delta DJ-15 37-154	1,586	6 x 55 1/2	3 x 5,500	3/4	115/230	Y	Y	328	Counterbalanced table support.
Delta 37-380	1,176	8 x 72	3 x 5,600	1 1/2	115/230	Y	Y	414	Rack and pinion; fence adjustment.
Powermatic 50	1,774	6 x 56	3 x 7,000	3/4	115/230	Y	Y	434	Fence can be skewed for shear cuts.
Jet JJ-6CSX	679	6 1/2 x 46	3 x 4,800	3/4	115/230	Y	Y	275	Center-mounted fence; two-way fence.
Craftsman 22724	399	6 1/2 x 45 1/2	3 x 5,000	1	115	Y	N	204	Enclosed stand.
General 480-1	1,997	8 x 64	3 x 4,500	—	—	Y	Y	360	Motor not incl.
General 480-1-M1	2,417	8 x 64	3 x 4,500	1 1/2	230	Y	Y	440	Magnetic starter.
Grizzly G1018	695	8 x 65	3 x 5,000	1 1/2	230	Y	OPT	450	Fence stop 90° & 45°.
Star S3107N	825	8 x 65	3 x 5,000	2	230	Y	Y	450	Jackscrew adj.
Woodtek 907064	799	8 x 65 1/2	3 x 4,500	1 1/2	115/230	Y	Y	445	Handwheel adj. table.
Bridgewood BW-8J	895	8 x 66	4 x 4,500	1 1/2	115/230	Y	Y	420	Handwheel adj. table; jackscrew adj.; USA-made.
Bridgewood BW-12JD	2,795	12 x 79	4 x 5,000	3/4	230	Y	Y	968	USA-made motor; center-mounted fence.

Continued on page 82

2000 TOOL BUYER'S GUIDE

Jointers

KEY: — = not applicable, Y = yes, N = no, OPT = optional.
NA = information not available. *New models in red.*

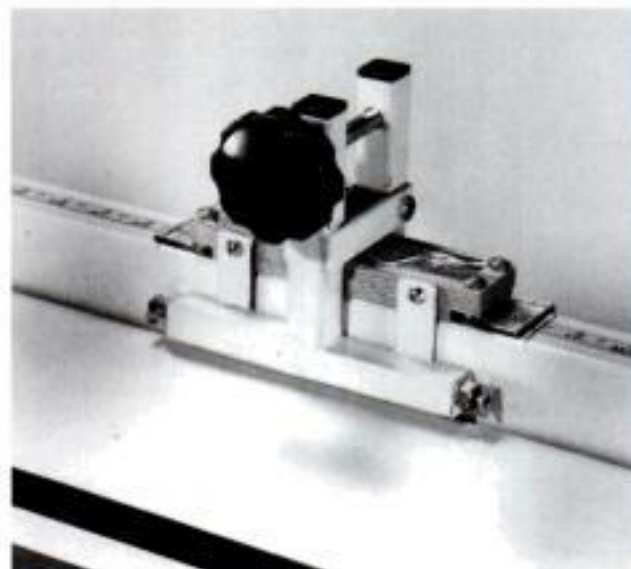
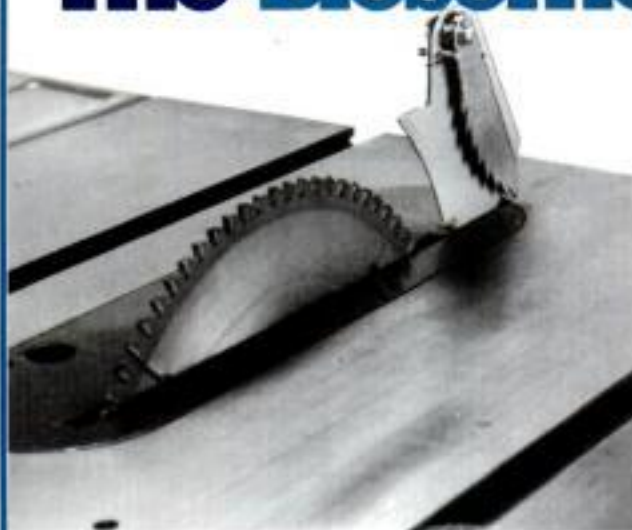


Craftsman
20651

Delta
DJ-30 37-360

See page 5
for listing of manufacturers.

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FLOOR

Brand & Model	List Price	Cutting Width x Bed Length (in.)	No. of Knives x Rpm	HP	Volts	Rabbeting	Ledge	Dust Collection Port
Jet JJ-8CS Comments & Features Center-mounted fence.	\$1,639	8 x 66	3 x 5,500	2	230	Y	Y	3
Seco SK-0008JT Comments & Features Double V-belt drive.	1,000	8 x 66	4 x 4,500	2	230	Y	Y	5
General Int'l 80-200 Comments & Features Jack screw adj.; roller extend table to 94½"	1,305	8 x 66½	3 x 4,500	1½	230	Y	Y	5
General Int'l 80-400 Comments & Features Center-mounted fence.	4,970	16 x 98	4 x 5,000	5	230	Y	Y	1,2
General Int'l 80-400 HC Comments & Features Helical cutter head.	6,570	16 x 98	4 x 5,000	5	230	Y	Y	1,2
Transpower JT980 Comments & Features Handwheel adj. table.	735	8 x 67	4 x 4,500	2	230	Y	Y	4
North State CT 200 Comments & Features Knife-setting gauge; double V-belt drive.	795	8 x 68	3 x 4,500	2	115/230	Y	Y	5
Powermatic 60 Comments & Features Fence can be skewed for shear cuts.	2,278	8 x 72	3 x 7,000	1½	115/230	Y	Y	5
Sunhill CT-204L Comments & Features Cast-iron table extensions.	885	8 x 72	4 x 4,500	2	230	Y	Y	5
Delta DJ-20 37-350A Comments & Features Extra-long infeed table.	2,155	8 x 76½	3 x 5,500	1½	115/230	Y	Y	4
Craftsman 20651 Comments & Features Rollers extend table to 86 in.	1,449	8½ x 66	3 x 4,500	1½	230	Y	Y	4
Lobo JT-1008 Comments & Features Double V-belt drive; handwheel adj. table.	689	8½ x 66	3 x 5,500	2	115/230	Y	OPT	5
Grizzly G4178 Comments & Features Rack & pinion fence.	1,995	12 x 75	3 x 5,200	2	230	Y	OPT	5
Jet JJ-12-1 Comments & Features Mag. controls; center-mounted fence.	4,899	12 x 84½	3 x 5,000	3	230	Y	Y	7
Jet JJ-12-3 Comments & Features Mag. controls; center-mounted fence.	4,899	12 x 84½	3 x 5,000	3	230/460	Y	Y	7
Lobo JT-0012 Comments & Features Center-mounted fence; cabinet stand.	2,390	12 x 72	4 x 5,250	3	230	Y	Y	5
Star S3103 Comments & Features Magnetic starter; center-mounted fence.	1,899	12 x 72	3 x 5,200	3	230	Y	Y	1,2
Seco SK-512JT Comments & Features Dual V-belt pulley.	2,494	12 x 74	3 x 5,200	3	230	Y	Y	1,2
Delta DJ-30 37-360 Comments & Features Center-mounted fence.	4,662	12 x 84	3 x 5,000	3	230/460	Y	Y	7
General 780-1-M1 Comments & Features Fence tilt 45°.	4,100	12 x 84	4 x 4,500	3	230	Y	OPT	1,2
Seco SK-12FPN Comments & Features Fence tilt 45°.	3,750	12 x 86	3 x 5,200	3	230	Y	Y	1,2
North State CCA512 Comments & Features Center-mounted adj. fence.	2,475	12 x 87	3 x 5,200	3	230	Y	Y	1,2
Seco SK-516JT Comments & Features Mag switch; V-belt pulley.	3,950	16 x 86	3 x 5,200	5	230	Y	Y	1,2
Mini Max F1 Comments & Features Center-mounted adj. fence.	5,995	16 x 102	4 x 5,000	4	230/460	Y	OPT	1,2
North State CCA516 Comments & Features Center-mounted adj. fence.	3,195	16 x 111	3 x 5,200	5	230	Y	Y	1,2
Sunhill J-127L	2,950	12 x 84	3 x 4,500	3	230	Y	Y	5

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Think you can't be flooded? Think again.

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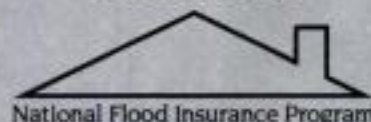
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Lathes



PHOTO BY KRIVIT PHOTOGRAPHY

The lathe offers a world of project options, from furniture legs and bed posts to bowls, tops and pens, plus it's relaxing and spontaneous to use. Find the lathe that matches the projects you plan to turn. The distance between centers determines the longest blank you can turn and "swing" is the maximum radius you can turn.

3 Types of Lathes

Benchtop

Benchtop lathes have less capacity, less rigidity, smaller price tags and are a good choice if you want to turn smaller projects. It's advisable to bolt smaller lathes to a workbench to dampen vibration.



Floor-Model

These lathes are designed for general-purpose turning, which means you can turn long blanks into table legs and, with a faceplate, turn wide, short blanks into bowls. Because its size and weight minimize vibrations, clean cutting is easier on a floor model, especially on larger, out-of-balance blanks.



Specialty

Bowl lathes are designed specifically for large-diameter work and have either a short bed or no bed at all. Mini lathes are extra-small



Swiveling headstock. Some headstocks swivel 90° for turning large-diameter work. The standard tool-rest system, sometimes requiring accessories, can still be used.

Features

Headstock and Tailstock

Look for a headstock and tailstock with a No. 2 Morse taper to hold drive and live centers. If the threaded driveshaft in the headstock is one of the standard sizes (1-in. dia. by 8 tpi, 1-in. dia. by 12 tpi, or 1¼ in. by 8 tpi), it will be easier to find accessories to fit. A lock on the spindle makes it easier to remove faceplates and chucks.



Indexing head. The pin on the left end of the housing locks into holes in the head, preventing the spindle from turning. This makes it easy to draw layout lines on the wood you're turning.

Power

A 1-hp motor will easily drive nearly all turning jobs. Higher-powered motors are only necessary for extra-large workpieces.

Weight and Casting

Consider a machine with a cast-iron body—its rigidity and weight dampen vibration as you turn and produce a smoother finish. Pipe or steel angle beds can flex, producing more vibrations and rougher cutting.

benchtop models designed for turning miniature items like clothes pegs, salt and pepper shakers, button cups, finials and pens. Copy or duplicator lathes are designed for efficient production of identical turnings. These lathes are equipped with a self-feeding cutter that "reads" a master turning and simultaneously produces a duplicate.



Speed Adjustment

Buy a machine with a range of speeds from 400 rpm or slower (for larger-diameter work such as bowls) to 2,500 rpm (for most spindle work).

Three types of speed controls are available: With step pulleys you stop the motor and manually reposition the belt to change speeds. Step pulleys limit you to a few fixed speeds and are best for spindle turning and small faceplate work.

A Reeves drive simplifies speed changes. You turn a crank or lever while the lathe is running to select a speed. However, the lower speeds can sometimes be too fast for rough turning large bowl blanks.

Electronic variable speed (EVS) is more expensive, but it allows infinite speed adjustment with the simple turn of a knob. And low-speed torque is excellent—a great advantage when roughing out large bowl blanks. Some EVS models offer reversible spindle direction.

Options/Accessories

LIVE CENTER FOR THE TAILSTOCK. This spinning center prevents burning the tailstock end of your workpiece. \$50.

DRILL CHUCK. ▶ This three-jaw chuck can hold drill bits for horizontal boring. \$40.



SCREW CHUCK. This chuck's deep threads are useful for holding medium-size sections for bowl turning. \$25.

THREE- OR FOUR-JAW CHUCK. Adjustable jaws grip a variety of diameters for faceplate work. This is the most flexible work-holding system. \$60 - \$250.

All accessories above available from Craft Supplies; (800) 551-8876.

Lathes

KEY: MT = Morse taper. OD = outside diameter. Bed Type: Al = aluminum, CI = cast iron, ST = steel, TS = tubular steel, WO = wood. Drive Type: ED = electronic drive, RD = Reeves drive, SP-# = step pulleys - # of speeds. Y = yes. N = no. OPT = optional. — = not applicable. *Setscrew secures faceplates and chucks. **Between threads. **New models in red.**



Jet JML 1014



Craftsman 21717



Record CL3/36X30C



Delta 46-221



Grizzly G1067Z

BENCHTOP

FLOOR

Brand & Model	List Price	Capacity: Swing x Length (in.)	Spindle Dia. (in.) x tpi	Bed Type	Out-board Turning	Drive Type	Rpm	HP	Weight (lb.)	Comments & Features
Grizzly G5967	\$149	6 x 12	3/4 x 16	CI	N	ED	300 - 4,750	1/4	46	
Record DML/24X	464	9 x 24	3/4 x 16	CI	Y	SP-3	540 - 2,400	1/4	88	
Craftsman 21716	299	12 x 36	3/4 x 16	TS	N	SP-5	575 - 3,580	1/4	84	Two tool rests; locking rocker switch.
Delta 46-700	598	12 x 36	1 x 8	CI	Y	RD	500 - 2,000	1/4	125	Improved swiveling headstock.
Oneway 1018	1,350	10 x 18	1 x 8	ST	N	ED	24 - 4,000	1	140	24" ext. for longer turnings, 1/2 HP avail.
Bridgewood BW-1240	209	12 x 37	3/4 x 16	TS	Y	SP-5	575 - 3,580	1/4	80	6", 12" tool rests; 4" dia. face plate; ball bearing cup center; outboard turning capability; indexing mech.
Jet JML-1014	499	10 x 14	1 x 8	CI	N	SP-6	500 - 3,950	1/4	72	Head/tailstock #2MT.
Woodfast M910-B	1,995	20 x 39	1 1/4 x 8	CI	Y	SP-5	370 - 2,700	—	300	Motor not incl.
Tradesman 8235	179	12 x 37	3/4 x 16	AL	Y	SP-5	575 - 3,580	1/4	69	6- x 12-in. tool rests; 4-in. faceplate.
Vega 1240	695	12 x 40	1 x 8	TS	Y	SP-4	300 - 2,265	1/4	115	Guard incl.
Record CL1/36X15C	1,053	15 x 36	3/4 x 16	ST	Y	SP-3	540 - 2,440	1/4	152	Swiveling headstock.
Craftsman 21717	399	15 x 38	1 x 8	CI	Y	ED	400 - 2,000	1	168	20-in. outboard cap.; copy attach. avail.
Woodfast M408-B	1,795	16 x 16	1 1/4 x 8	CI	Y	SP-5	370 - 2,700	—	250	Motor not incl.
Nova 3000	750	16 x 24	1 1/4 x 8	CI	N	SP-8	215 - 3,600	—	150	Motor not incl.
Hegner 200S	1,599	16 x 36	33 mm x —	ST	Y	SP-5	400 - 2,800	1/4	125	Swiveling headstock; index head; legs opt.
Woodfast M908-B	1,895	16 x 39	1 1/4 x 8	CI	Y	SP-5	370 - 2,700	—	300	Motor not incl.
Woodfast M410-B	1,895	20 x 16	1 1/4 x 8	CI	Y	SP-5	370 - 2,700	—	250	Motor not incl.
Record CL3/36X30C	1,786	30 x 36	3/4 x 16	ST	Y	SP-5	510 - 2,400	1/4	190	Swiveling headstock.
Record CL3/48X30C	1,961	30 x 48	3/4 x 16	ST	Y	SP-5	515 - 2,420	1/4	200	Swiveling headstock.
Jet JWL-1236	799	12 x 34 1/2	1 x 8	CI	Y	RD	550 - 3,000	1/4	183	Swiveling headstock; indexing capabilities.
Grizzly G5979	295	12 x 35	1 x 8	CI	Y	RD	480 - 2,500	1/4	188	Swiveling headstock.
Delta 46-701	649	12 x 36	1 x 8	CI	Y	RD	500 - 2,000	1/4	148	Swiveling headstock.
Ridgid WL1200	299	12 x 36	3/4 x 16	CI	N	SP-4	875 - 3,450	1/4	160	Stand; 36 pos. indexing.
Woodtek 829806	1,040	12 x 37 1/2	1 x 8	CI	Y	RD	360 - 2,100	1/4	285	Outboard extension; tool-rest base.
Delta 46-612	4,012	12 x 38	1 x 8	CI	Y	RD	340 - 3,200	1	490	Guard incl.
General 160-1-M1	1,530	12 x 38	1 x 8	CI	Y	SP-4	850 - 3,500	1/4	255	
General 160-2-M2	1,815	12 x 38	1 x 8	CI	Y	RD	500 - 3,000	1/4	370	
General 260	2,734	12 x 38	1 1/4 x 8	CI	Y	SP-4	600 - 2,800	1	610	Riser kit available.
General 260-1	2,948	12 x 38	1 1/4 x 8	CI	Y	RD	375 - 3,300	1	630	Riser kit available.
General 260VD	3,399	12 x 38	1 1/4 x 8	CI	Y	ED	5 - 3,000	1	630	Riser kit available.
Nichols Ron Kent	4,500 & up	up to 12	1 1/4 x 8 or 1 1/2 x 8	ST	N	ED/SP-3-8	0 - 2,800	1 1/2 & up	1,500 & up	Custom built to customer specs.
Delta 46-221	2,143	12 x 39	1 x 8	CI	Y	SP-4	915 - 3,260	1/4	305	Guard incl.
Delta 46-541	2,457	12 x 39	1 x 8	CI	Y	RD	340 - 3,600	1/4	410	Guard incl.
Robert Sorby RS2F	2,150	13 x 24	1 x 8	ST	Y	SP-5	265 - 2,400	1	165	Swiveling headstock.
Robert Sorby RS3F	2,200	13 x 36	1 x 8	ST	Y	SP-5	265 - 2,400	1	175	Swiveling headstock.
Robert Sorby RS4F	2,250	13 x 48	1 x 8	ST	Y	SP-5	265 - 2,400	1	185	Swiveling headstock.
Robert Sorby RS6F	2,350	13 x 72	1 x 8	ST	Y	SP-5	265 - 2,400	1	195	Swiveling headstock.
Grizzly G1067Z	449	14 x 40	1 x 12	CI	Y	RD	600 - 2,100	1/4	190	Swiveling headstock.
Grizzly G1495	695	14 x 40	1 x 12	CI	Y	RD	500 - 3,000	1/4	265	Accepts copy attach.
Vega 1446	1,255	14 x 46	1 x 8	TS	Y	RD	320 - 3,400	1	375	Guard incl.
Vega 1553	1,710	15 x 53	30 mm x no threads*	TS	Y	RD	320 - 3,400	1	350	Reverses for sanding; guard.
Vega 1596	2,625	15 x 96	30 mm x no threads*	TS	Y	RD	320 - 3,400	1 1/2	420	Reverses for sanding; guard.
Woodfast M408-5	2,795	16 x 16	1 1/4 x 8	CI	Y	SP-5	370 - 2,700	1 1/2	425	
Woodfast M408-V	3,195	16 x 16	1 1/4 x 8	CI	Y	ED	0 - 2,750	1	450	DC motor.
Hegner 200	2,495	16 x 39	33 mm x —	ST	N	SP-4	800 - 2,800	1/4	250	Accepts copy attachments.
Laguna L1200	3,295	17 1/2 x 50	33 mm. x —	TS	N	SP-4	500 - 2,800	2	500	Copy attachment incl.

See page 5 for listing of manufacturers.

Continued on page 90

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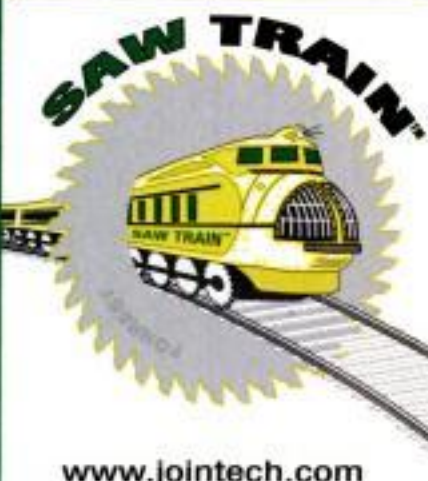
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Lathes

KEY: MT = Morse taper. OD = outside diameter. Bed Type: Al = aluminum, CI = cast iron, ST = steel, TS = tubular steel, WO = wood. Drive Type: ED = electronic drive, RD = Reeves drive, SP-# = step pulleys - # of speeds. Y = yes. N = no. OPT = optional. — = not applicable. *Setscrew secures faceplates and chucks. **Between threads. **New models in red.**



Vicmarc VL348



Klein Mini Lathe



Mini Max T124



Vega 24

See page 5
for listing of manufacturers.

FLOOR

MINI

DUPLICATOR

BOWL

Brand & Model	List Price	Capacity: Swing x Length (in.)	Spindle Dia. (in.) x tpi	Bed Type	Out-board Turning	Drive Type	Rpm	HP	Weight (lb.)	Comments & Features
Woodfast M908-5	\$2,895	16 x 39	1 1/4 x 8	CI	Y	SP-5	370 - 2,700	1 1/2	550	
Woodfast M908-V	3,295	16 x 39	1 1/4 x 8	CI	Y	ED	0 - 2,750	1 1/2	550	
Hegner 200/1250	2,895	16 x 49	33 mm x —	ST	N	SP-4	800 - 2,800	3/4	290	Accepts copy attachments.
MVMT-1 500	3,490	16 x 59	#4 MT on OD	ST	Y	SP-4	720 - 3,100	2	495	With reverse.
Conover Deluxe	2,600	16 x unlim.	1 1/2 x 8	WO	Y	SP-4	600 - 2,600	1 1/2	350	
Conover Master Turner	3,100	16 x unlim.	1 1/2 x 8	WO	Y	ED	0 - 2,600	1 1/2	350	Opt. reverse.
Oneway 2016	4,175	20 x 16	33 mm x 3.5**	ST	OPT	ED	24 - 3,200	1 1/2	600	2- and 3-HP models available.
Woodfast M410-V	3,295	20 x 16	1 1/4 x 8	CI	Y	ED	0 - 2,750	1 1/2	475	
Powermatic 3520	4,317	20 x 34 1/2	1 1/4 x 8	CI	Y	ED	0 - 3,200	2	650	Headstock slides entire length of bed.
Oneway 2036	4,300	20 x 36	33 mm x 3.5**	ST	OPT	ED	24 - 3,200	1 1/2	800	2- and 3-HP models available.
Woodfast M910-V	3,395	20 x 39	1 1/4 x 8	CI	Y	ED	0 - 2,750	1 1/2	575	
Oneway 2416	4,425	24 x 16	33 mm x 3.5**	ST	OPT	ED	24 - 3,200	1 1/2	650	2- and 3-HP models available.
Vicmarc VL316	3,295	24 x 22	1 1/4 x 8	CI	Y	ED	10 - 2,700	1 1/2	600	
Oneway 2436	4,555	24 x 36	33 mm x 3.5**	ST	OPT	ED	24 - 3,200	1 1/2	850	2- and 3-HP models available.
Vicmarc VL348	3,695	24 x 50	1 1/4 x 8	CI	Y	ED	10 - 2,700	1 1/2	700	
Sherline Hut System I	437	3 1/2 x 8	3/4 x 16	ST	Y	ED	30 - 3,000	3/4	30	Model 4000, HUT accessories not incl.
Klein Mini Lathe	349	5 x 12	3/4 x 16	AL	N	SP-6	500 - 5,200	—	8	Motor not incl.; duplicator opt.
Carba-Tec	200	6 x 12	3/4 x 16	CI	N	SP-4	860 - 3,475	—	36	Motor not incl.; duplicator opt.
Carba-Tec ED	270	6 x 12	3/4 x 16	CI	N	ED	860 - 4,500	3/4	36	Duplicator opt.
PSI CML3XL	275	6 x 12 1/2	3/4 x 16	CI	N	ED	400 - 4,500	3/4	37	
Ryobi ML618	250	6 1/4 x 18	3/4 x 16	TS	Y	ED	500 - 2,500	3/4	29	Faceplate incl.; #1MT (head and tailstock).
Record RPML 300CL	652	8 1/2 x 12	3/4 x 16	CI	Y	SP-3	540 - 2,400	3/4	77	Swiveling headstock.
Zyliss Torno	150	8 3/4 x 23 1/2	—	TS	N	—	—	—	10	Uses portable drill.
Vicmarc VL100	300	9 x 12	1 x 8	CI	N	SP-6	500 - 3,600	—	48	Motor not incl.; DC electronic drive.
Jet JML-1014	499	10 x 14	1 x 8	CI	N	SP-6	500 - 3,950	3/4	72	Head/tailstock #2MT.
Oneway 1018	1,350	10 x 18	1 x 8	ST	N	ED	24 - 4,000	1	140	24" ext. for longer turnings, 1/2 HP avail.
WoodWrite 360	945	5 1/2 x 16 1/2	3/4 x 16	ST	N	SP-6	450-5,700	3/4	35	Driven saddle, auto. stop switches.
MVMT-1500C	5,375	8 x 39 1/2	#4 MT on OD	ST	Y	SP-4	720 - 3,100	2	595	Semi-automatic, with reverse.
MVMT-1500CA	7,200	8 x 39 1/2	#4 MT on OD	ST	Y	SP-4	720 - 3,100	2	625	Automatic, with reverse.
Vega 12D36	1,205	12 x 36	1 x 8	TS	Y	SP-8	275 - 3,900	3/4	175	Reverse; cutter; guard.
Lobo CL-1000	699	13 x 40	1 x 12	TS	Y	SP-3	995 - 2,970	2	290	Sanding disc incl.
Vega 15D48	2,470	13 x 48	30 mm x no threads*	TS	Y	RD	320 - 3,400	1	350	Reverse; cutter; guard.
Vega 15D96	3,675	13 x 96	30 mm x no threads*	TS	Y	RD	320 - 3,400	1 1/2	475	Reverse; cutter; guard.
Mini Max T124	3,195	16 x 47	1 x #2 MT	TS	Y	SP-4	680 - 3,000	1	375	Cutters incl.
Record CLB22	869	22 x —	3/4 x 16	CI	Y	SP-3	450 - 2,000	3/4	108	
Vega 2400 A/C	1,995	24 x 15	1 1/4 x 8	ST	—	RD	160 - 2,200	3/4	510	Reverse; guard; adj. height.
Vega 2400 D/C	2,595	24 x 15	1 1/4 x 8	ST	—	ED	0 - 2,520	1 1/2	520	Reverse; guard; adj. height.
Vega 24	430	24 x —	1 x 8	TS	—	SP-8	200 - 2,900	3/4	105	Reverse; end access; guard.
Nichols Bowl Lathe Adjustable	4,400	up to 24	1 1/4 x 8	ST	N	ED/SP-3-4	0 - 2,200	1 1/2	800	Adj. for physically challenged; pneumatic tool rest base and motor tensioning.
Nichols Custom Bowl Lathes	4,600 & up	26 - 50 to 24 - 144	1 1/4 - 8 or 1 1/2 - 8	TS	N	ED or SP-3-8	0 - 2,200	1 1/2 & up	900 & up	Custom built to customer specs.
VB36	4,795	36 x —	Bayonet	—	Y	ED	50 - 2,630	2	600	Opt. tailstock.

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- Table slot for miter gauge use (Miter gauge optional)
- Dust hood

Miter Saws

3 Types of Miter Saws

Conventional

The blade can be swiveled from 0° to 45° (or more on some machines). To cut, you grasp the handle, squeeze the trigger switch, and pull the blade down into the stock. Most 10-in. saws can cut a 2x4 or 4x4 at 90° and a 2x4 at 45°.



Compound

This saw has a rotating table to make miter cuts, just like a conventional miter saw. A second pivot lets the head tilt 45° (or more) to one or both sides, for bevel cuts. Combining bevel and miter cuts, the saw makes compound miters. Board capacities and blade sizes are comparable to those of conventional miter saws.



Sliding Compound

Like the compound saw, this machine has a head assembly that rotates and tilts for compound cutting. Some models tilt both right and left. The head slides on rails,



A miter saw will crosscut long stock, cut picture frame molding, fit crown molding and quickly cut multiple boards to the same length. They are fast, reasonably safe and cut angles with repeatable accuracy. The miter saw has made radial-arm saws less common in woodworking shops. Blade diameters—from 8 to 12-in.—determine a miter saw's size and capacity.

Features

Adjustments

Check for smooth-working miter and bevel adjustments and easy-to-read scales. When you need to switch angle settings frequently, large, accessible miter- and bevel-locking mechanisms make a big difference (see photo at right). Similarly, detents, or stops, are useful for homing in on common angles such as 0°, 22½°, and 45°. Some compound saws also have miter detents at 31.6° for cutting standard crown molding while it is flat on the saw table—a godsend for trim carpenters. Other handy features include spindle locks for one-wrench blade changing and—on sliding compound saws—depth stops for slotting to a precise depth.

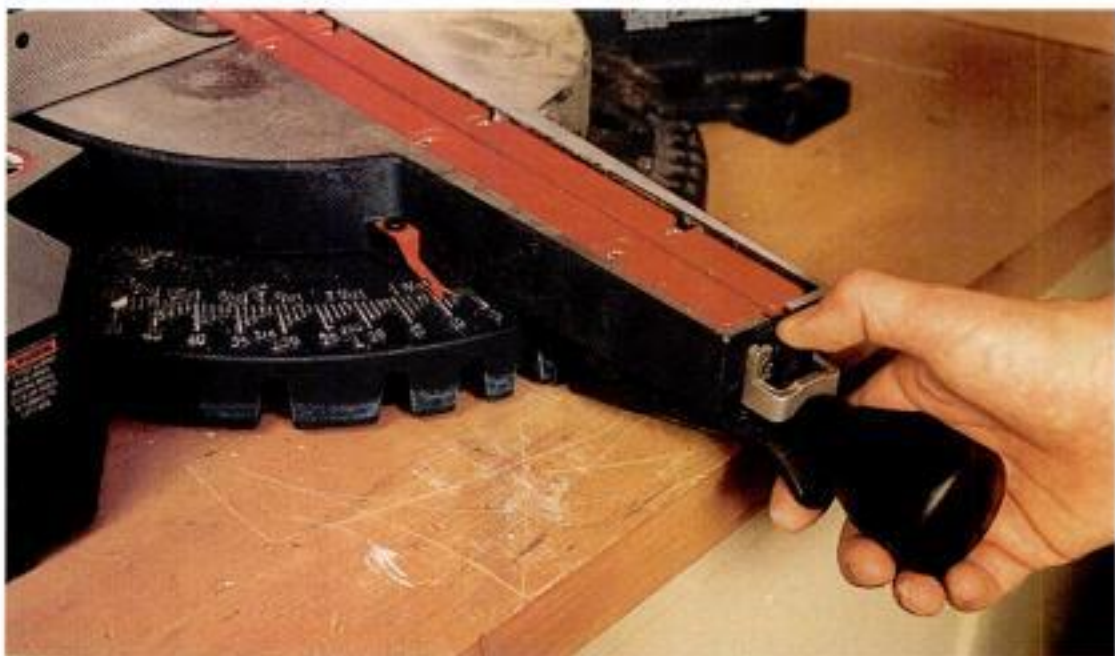
Fences

All miter saws have a split-fence design with a gap in the middle for the blade. On some saws, this gap is too wide to safely support short stock, so you'll need to attach a wooden auxiliary fence. Some saws offer an adjustable fence.

Safety Features

Look for a blade guard that retracts smoothly as you cut. You don't want to have to lift the guard with your thumb while lining up a cut. Most saws have an electric brake that stops the blade when you release the On/Off switch or press a button.

increasing the crosscutting capacity to more than 12 in. on some models. To operate the saw, you pull the elevated blade toward you, pivot it down into the front edge of the stock, then push it back toward the fence to complete the cut. This "chop and push" action is safer than a radial-arm saw's pull cut, which has an unnerving tendency to self-feed.



Dust Collection

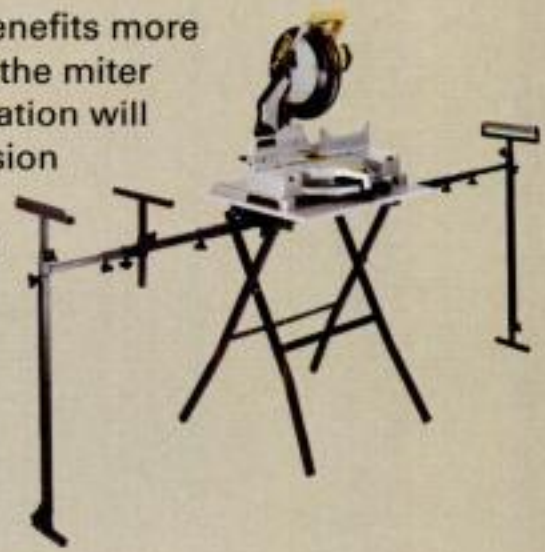
Most saws come with a dust bag, vacuum port or both. Hooking a shop vacuum up to the port is more effective for controlling dust than using a bag.

Options/Accessories

A PREMIUM BLADE. For glass-smooth cuts in molding and thin stock, you'll need a carbide-tipped, finish-cutting crosscut blade to replace the steel blade that comes with most saws. Look for a blade with 60 or more teeth and a low hook angle. For sliding saws, get a blade with a 0° or 5° negative hook. \$70. Available from Tools on Sale; (800) 328-0457.

TABLE EXTENSIONS AND ADJUSTABLE STOPS. Miter saw tables and fences are invariably small and the stock you cut is inevitably long. Invest in a set of factory-made extension rails with adjustable stops to support long stock and make repetitive cuts accurately. (Or you can build a workstation.) Available from individual manufacturers.

WORKSTATION. No machine benefits more from a dedicated stand than the miter saw. A well-designed workstation will include 2- to 3-ft.-long extension tables and fences on either side of the saw, applied tape measures for lining up cuts quickly and adjustable stops for accurate repetitive cuts. \$150. Available from HTC; (800) 624-2027.



Miter Saws

KEY: Y = yes, N = no, — = not applicable. Dust Collection: DB = dust bag, VP = vacuum port, DB/VP = both. Comments & Features: CM = has 31.6° miter detent for cutting crown moldings. New models in red.

Brand & Model	List Price	Blade Dia. (in.)	Maximum Crosscut T x W (in.)	Miter Range (° L, R)	Bevel Range (° L, R)	Depth Stop	Amps	Dust Collection	Weight (lb.)	Comments & Features
Black & Decker 1710	\$169	10	2 x 6	45, 45	—	N	12	DB/VP	28	Adjustable miter detents.
Delta 36-070	217	10	2½ x 5½	48, 50	—	N	13	DB/VP	28	Carbide blade.
Makita LS1030N	330	10	2½ x 5½	45, 52	N/A	Y	15	DB/VP	24.3	Extra tall fence.
Milwaukee 6490-6	505	10	2½ x 5½	51, 59	—	Y	15	VP	31.5	Extra-tall fence.
Milwaukee 6491	605	10	2½ x 5½	51, 59	—	Y	15	DB/VP	32.3	80-tooth carbide blade.
Pro-Tech 7107	209	10	2½ x 5½	50, 50	—	N	13	DB/VP	28	9 positive miter stops; carbide-tipped blade.
Ryobi TS254	169	10	3½ x 5½	46, 46	—	Y	13	VP	33.5	Carbide blade.
DeWalt DW704	399	12	2½ x 7½	48, 48	—	N	15	VP	36	Extra-tall fence; CM.
DeWalt DW705	399	12	2½ x 7½, 3½ x 5½	45, 45	—	—	15	—	38	—
Hitachi C15FB	682	15	4½ x 7½	52, 52	—	Y	15	DB/VP	55	CM; vise; ext. bars.
Delta 36-040	190	8½	2½ x 5½	47, 47	47, 2	N	9	DB/VP	16	Table insert.
Pro-Tech 7203	199	8½	2½ x 4½	47, 47	45, 0	N	9	DB/VP	18.7	Brake; table insert.
Tradesman 8325	129	8½	2½ x 5½	45, 60	45, 0	Y	9	DB/VP	28	Carbide blade.
Delta 36-075	256	10	5½ x 2½	47, 47	48, -3	N	13	DB/VP	28	Carbide blade.
Delta 36-220	294	10	2½ x 5½	47, 47	47, 2	N	15	DB/VP	49	Ext. wings; work clamp.
Delta 36-225	249	10	2½ x 5½	47, 47	-3, 48	N	15	DB/VP	33	Work exten.; work clamp.
Hitachi C10FC2	207	10	2½ x 5½	60, 45	45, 0	Y	15	DB/VP	32	Brake; 24-tooth carbide blade; vise; dual bevel.
Hitachi C10FCD	265	10	2½ x 5½	45, 45	45, 0	—	13	DB	33	24 tooth carbide tipped blade; blade wrench.
Makita LS1040	528	10	2½ x 5½	45, 52	45, 0	Y	15	DB/VP	24.2	—
Makita LS1045	508	10	2½ x 5½	45, 52	45, 0	Y	15	DB/VP	41.9	Cast-iron base.
Milwaukee 6494-6	595	10	2½ x 5½	51, 59	50, 3	Y	15	VP	39	Adjustable fence.
Pro-Tech 7207	239	10	3½ x 4½	50, 50	47, 0	N	13	DB/VP	28.4	9 positive miter stops; carbide tipped blade.
Craftsman 21208	150	8½	2½ x 5½	—	45, 0	Y	9	DB/VP	32	Brake; zero clinc.; throat plate; cast-iron base power lever handle.
Craftsman 21210	210	10	2½ x 5½	—	45, 0	Y	15	DB/VP	34	Brake; table insert; dual bevel scale; aluminum base; power lever handle.
Craftsman 21230	210	10	2½ x 5½	—	45, 0	Y	15	DB/VP	48	Brake; table insert; dual bevel scale; cast-iron base; power lever handle.
Craftsman 21212	310	12	2½ x 7½	—	45, 0	Y	15	DB/VP	51	Brake; table insert; dual bevel scale; aluminum base; power lever handle.
Pro-Tech 7208	299	10	2½ x 5½	50, 50	47, 0	N	15	DB/VP	37	Ext. wings; work clamp; stop block.
Ridgid MS1050	199	10	2½ x 5½	45, 45	45, 0	Y	15	DB/VP	35	Carb. blade; stop block.
Ryobi TS230	199	10	3½ x 5½	46, 46	45, 0	Y	13	DB/VP	34	Vise; carbide blade.
Tradesman 8328	159	10	2½ x 5½	45, 45	45, 0	Y	13	DB	34	Work clamp; carbide blade.
Bosch 3912	595	12	2½ x 7½	52, 50	47, -3	Y	15	DB/VP	43	Detent override; CM.
Delta 36-235	483	12	2½ x 8	48, 48	47, 2	N	15	DB/VP	50	Extra-tall fence; CM.
DeWalt DW705	734	12	2½ x 7½	48, 48	48, 0	N	13	VP	38	Extra-tall fence; CM both sides.
Makita LS711DWBEK	800	7½	2 x 5½	47, 57	45, 0	Y	18V	DB/VP	23.8	Cordless.
Makita LS1220	1,800	12	3½ x 6	48, 48	45, 0	Y	15	DB/VP	37.5	CM.
Ridgid MS1250	—	12	2 x 8	48, 48	0, 48	N	15	DB/VP	45	Carbide blade; work clamp
Pro-Tech CS72121	499	12	2½ x 7½	49, 49	47, -2	N	15	DB/VP	48.3	Clamp; swing fence; CM; ball detents; carbide-tipped blade; ext. table.
Tradesman 8338	279	12	3½ x 5½	45, 45	34, 45	Y	15	DB/VP	58	Carbide blade; work clamp.
Craftsman 21294	450	8½	2½ x 12	45, 60	45, 0	Y	10	DB/VP	44	Carbide blade.
Freud TR215	689	8½	2½ x 11½	45, 45	45, 0	N	9.7	DB/VP	37	Electric blade brake; carbide blade.
Delta 36-250	696	10	3½ x 11½	57, 47	45, 0	Y	15	DB/VP	56	Work stand.
Hitachi C8FB2	474	8½	2½ x 12	45, 57	47, 0	Y	9.5	DB/VP	38.6	Slide fence; vise; CM.
Ryobi TSS200	369	8½	2½ x 12	45, 60	45, 0	Y	10	DB/VP	43	Carbide blade.
Tradesman 8336	349	8½	2½ x 12	45, 45	45, 0	Y	10	DB/VP	39	Ext. wings; work clamp; carbide blade.
Bosch 3915	960	10	3½ x 12	52, 62	47, -2	Y	13	DB/VP	47	Wedge-&-slot detents.
Delta Sidekick 36-240	587	10	3½ x 11½	57, 47	45, 0	Y	15	DB/VP	51	CM; work clamp.
Hitachi C10FS	598	10	3½ x 12½	45, 57	45, 45	Y	10	DB/VP	44	Tilts left & right; speed control; CM; vise.
Makita LS1011	995	10	21½ x 12	45, 57	45, 0	Y	12	DB/VP	34.8	Single sliding rail; CM.
Makita LS1013	1,211	10	3½ x 12½	47, 52	45, 45	Y	13	DB/VP	46.5	Two depth stops.
Milwaukee 6496-6	1,050	10	3½ x 12½	51, 59	48, 3	Y	15	VP	52	Wedge-&-slot detents.
Milwaukee 6497-6	1,175	10	3½ x 12½	51, 59	48, 3	Y	15	DB/VP	55.5	80-tooth blade; vise.
DeWalt DW708	1,210	12	4½ x 12	50, 60	48, 48	Y	13	VP	57	Double bevel; extra-tall fence; CM.
Makita LS1211	1,620	12	31½ x 12½	60, 60	45, 45	Y	15	DB/VP	51.2	Tilts left & right; single sliding rail; CM

CONVENTIONAL

COMPOUND

SLIDING COMPOUND



Ryobi TS254



Delta 36-225



Ridgid MS1050



ProTech CS72121



DeWalt DW708



Milwaukee 6496-6

See page 5
for listing of manufacturers.

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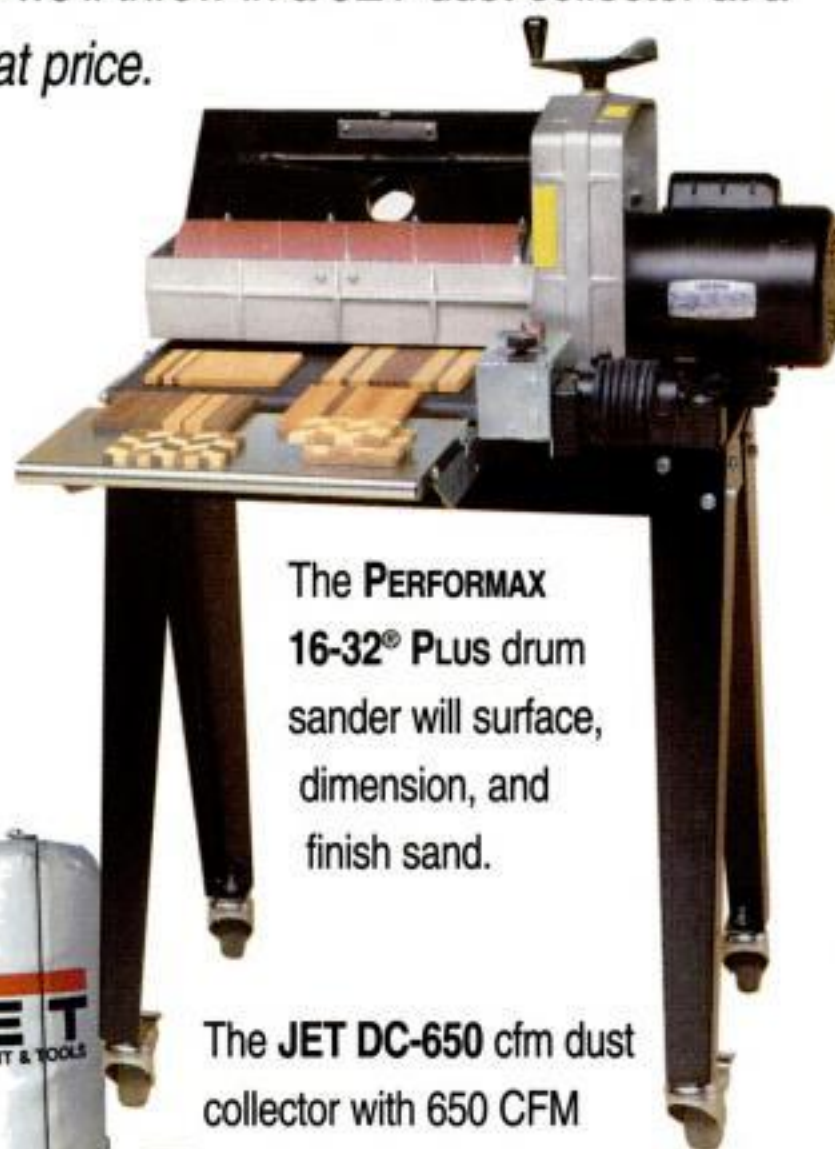


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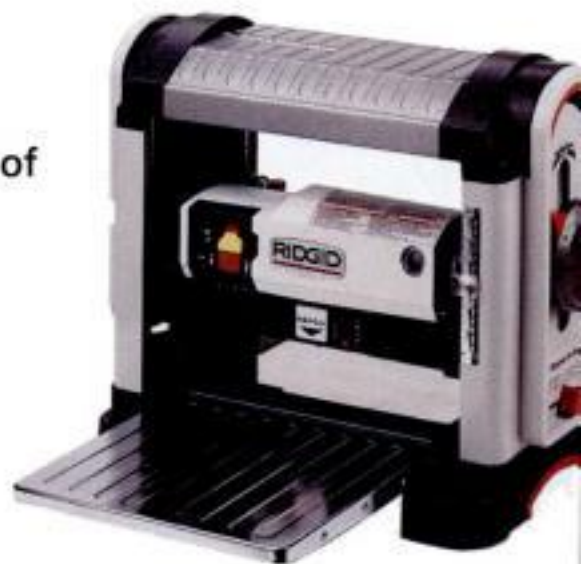
Thickness Planers

3 Types of Planers

Portable

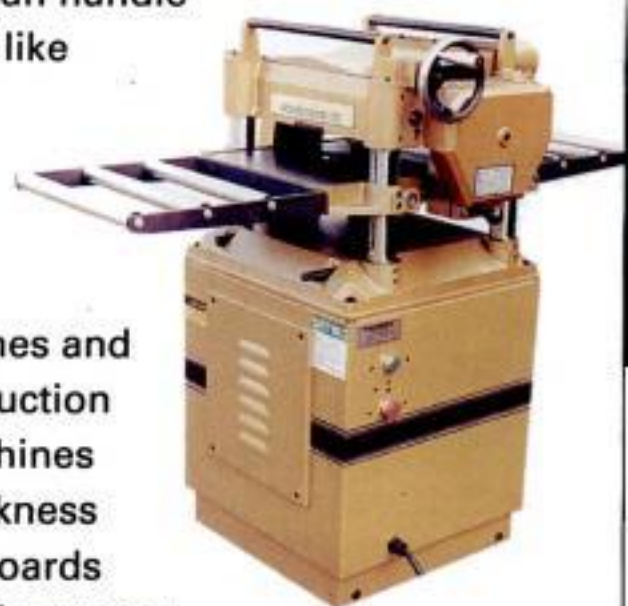
Price and portability make this the planer of choice for smaller shops. With rubber-coated feed rollers flanking a two-knife, high-speed cutter-head driven by a universal motor, it can plane stock up to 6-in. thick and 12-in. wide. Its sharp knives leave a silky-smooth surface.

If you plan to move the planer frequently, check out the weights listed in the chart. Some machines are a lot heavier than others. Set in a homemade infeed and outfeed platform, a portable planer can handle longer boards just like the stationary models.



Stationary

With cast-iron frames and more powerful induction motors, these machines will accurately thickness heavy hardwood boards day after day. They're strong enough to take a big bite—up to $\frac{5}{16}$ in.—so you can save a lot of time when planing large amounts of lumber. They also are available in larger widths, 15 in. and up.



Jointer-Planers

Jointer-planers use a single motor to power both jointing and planing operations. Typically, they take up less space than two separate

PHOTO BY KRIVIT PHOTOGRAPHY

This tool lets you quickly and accurately plane boards to a uniform thickness and level glued-up panels. It's the best friend of a woodworker who wants to quickly get to the fun stuff of joint making and project assembly. It's best used alongside a jointer because roughsawn lumber needs to be flat on one side before it is thickness planed.

Infeed rollers. Serrated infeed rollers are effective in moving heavy boards through the machine.

Features

Power

Maximum cutting depth is a better power indicator than horsepower (see chart).

Bed

The bed and, on portables, the extension tables determine how smoothly and uniformly stock slides under the cutterhead. Keep the platen clean and waxed for greatest efficiency.



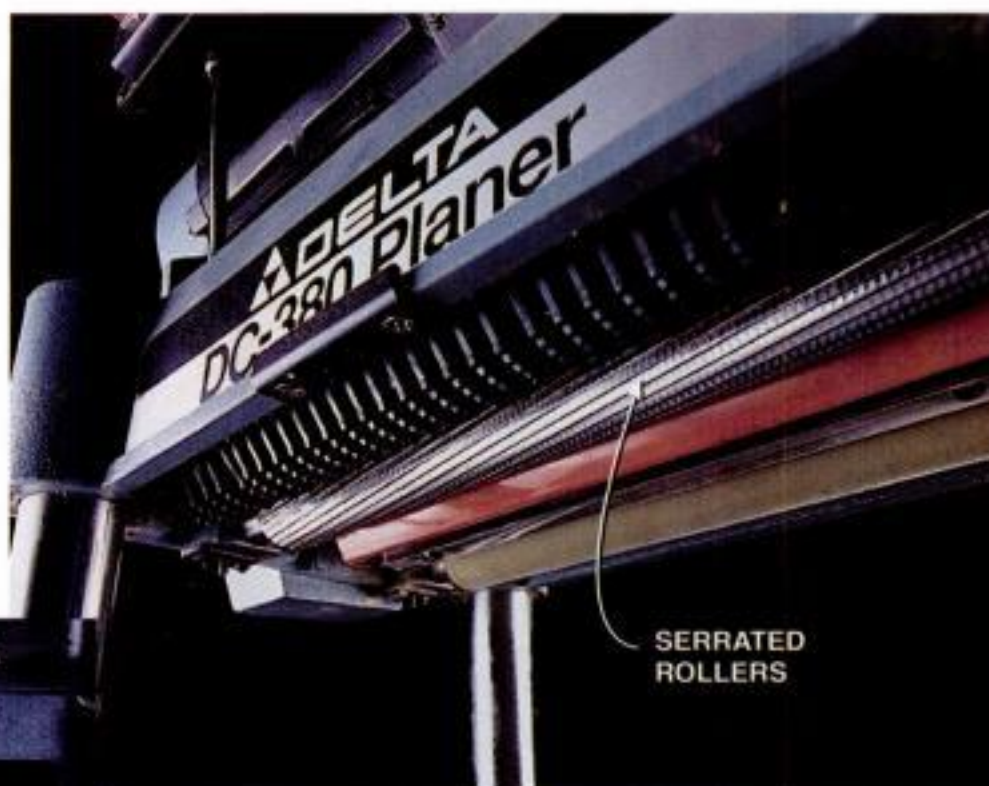
Snipe Control

Some portables come with a head-locking mechanism which reduces snipe—those scallop-shaped cuts planers often make on the end of a board—as it exits the cutterhead.

Noise

Planers make a racket second to no other woodworking power tool. Protect yourself with a good pair of hearing protectors.

machines of similar capacity. Though they sacrifice little in the way of features, some models do require machine adjustments to switch from one operation to the other.



Feed Rollers

Many stationary planers have serrated or textured steel rollers to push the board into the cutterhead (see photo above). The rubber-coated infeed rollers used on most portables leave no marks on the wood, but they don't grip as well and require replacement over time.

Double-Edged Knives

Many planers come with knives sharpened on both sides. This cuts your sharpening tasks in half. Some benchtop planers come with disposable double-edged knives, eliminating sharpening altogether.

Options/Accessories

EXTRA KNIVES. A spare set is important for anyone with an aversion to downtime. \$60. Available from individual manufacturers.

KNIFE-SETTING JIG. An aftermarket jig will pay off in accuracy and time savings. \$30. Available from CMTTools; (800) 531-5559.

OUTFEED ROLLERS. Outfeed rollers help when planing longer boards and make working alone much easier. \$40. Available from HTC; (800) 624-2027.

DUST HOOD. The mountains of chips planers create take time to sweep up. Consider a dust hood to hook to a dust collector to save time and your lungs. Available from individual manufacturers.

BLADE SHARPENER. Makita's blade sharpener, model 9820-2, lets you quickly sharpen planer blades up to 15¾-in. long. \$239. Call Makita at (800) 462-5482.

Thickness Planers

KEY: A= aluminum. CI= cast iron. S= steel. Feed Rollers: R= rubber coated.
S= serrated steel. Y= yes. N= no. OPT= optional. NA= information not available. Comments:
DE=double-edge knives. DED=double-edge disposable knives. *New models in red.*



Ryobi AP12



Delta 22-560



RBI 812



Jet JPM-13

See page 5
for listing of manufacturers.

PORTABLE

FLOOR

Brand & Model	List Price	Max. Stock T x W (in.)	Max. Cutting Depth (in.)	No. of Knives x Rpm	Bed Material	Bed Rollers	Feed Rollers	HP	Volts	Weight (lb.)	Comments & Features
Grizzly G1017	\$399	6 x 12	3/8	2 x 8,500	S	N	R	2	115	80	4 columns.
Delta 22-540 Type 2	518	6 x 12	3/8	2 x 8,000	S	N	R	NA	115	62	4 columns; DED knives.
Makita 2012	1,148	6 x 12	3/8	2 x 8,000	S	N	R	NA	115	53	DED knives.
Woodtek 900853	349	6 x 12	3/8	2 x 8,000	S	Y	S	NA	115/230	63	DE knives; adj. bed rollers.
Lobo WP-0012	359	6 x 12 1/2	3/8	2 x 8,000	A	Y	S, R	2	115	63	Top carrying handle.
Rigid TP1300	399	6 x 13	3/8	2 x 9,000	S	N	R	3	115	82	Cutterhead lock; 4 column; ext. DE knives
Hitachi P12R	880	6 1/2 x 12 1/2	3/8	2 x 10,400	S	N	R	2 1/2	115	62	Knife-setting gauge.
Ryobi AP12	400	6 x 12 1/2	3/8	2 x 8,000	S	N	R	NA	115	63	DED, rapid-set knives.
Craftsman 23378	399	6 x 12 1/2	3/8	2 x 8,000	S	N	R	2	115	68	4 columns; DE knives.
Craftsman 23383	639	5 x 12 1/2	3/8	3 x 4,500	CI	N	R	2 1/2	115	123	Molding capability.
Delta 22-560	572	6 x 12 1/2	3/8	2 x 8,000	S	N	R	NA	115	65	Cutterhead lock; DED knives.
DeWalt DW733	499	6 x 12 1/2	3/8	2 x 10,000	S	N	R	3	115	80	Cutterhead lock; 4 posts; depth stop.
Jet JWP-12-4P	399	6 x 12 1/2	3/8	2 x 8,000	CI	N	R	2	115	70	DE knives; top rollers; side handle.
Powermatic 412	531	6 x 12 1/2	3/8	2 x 8,000	S	N	R	2	115	67	DE knives; infeed and outfeed rollers.
Seco SK-0012WP	409	6 x 12 1/2	3/8	2 x 5,000	CI	Y	R	2	115	69	26 fpm feed speed.
Star S3712	399	6 x 12 1/2	3/8	2 x 8,000	S	N	R	2	115	68	DE knives; 4 columns; 4-in. dust hood.
Tradesman 8312	349	6 x 12 1/2	3/8	2 x 8,000	S	Y	R	2 1/2	115	78	Top rollers; side handles.
Williams & Hussey	1,879	8 x 7	3/8	2 x 3,450	CI	N	R	2	115/230	220	Molding capability.
Shopsmith Professional Planer	1,200	4 x 12	3/8	3 x 5,750	CI	Y	S, R	1 1/2	115	151	Separate motors for feed & cutterhead.
Powermatic 100	3,473	5 x 12	3/8	3 x 5,300	CI	Y	S	3	230	612	1-pc. cast-iron frame.
RBI 812	1,299	8 x 12 1/2	3/8	3 x 5,500	S	N	R	3	230	254	Also molder & sander.
Belsaw 1120002	1,956	6 x 12 1/2	3/8	3 x 4,600	CI	N	R	5	230	350	Molding capability.
Belsaw 985-Pro-Pack	2,247	6 x 12 1/2	3/8	3 x 4,600	CI	N	R	5	230	350	Deluxe package.
Belsaw VP-3	2,077	6 x 12 1/2	3/8	3 x 4,600	CI	N	R	5	230	350	Designed for molding.
Woodmaster 712	1,363	7 x 12 1/2	3/8	3 x 4,200	CI	N	R; S OPT	5	230	300	Var. feed speed; opt. mold, sand, saw.
General Int'l 30-100	1,115	6 x 13	3/8	3 x 4,500	CI	N	R	1 1/2	115/230	275	DE knives; accepts molding cutters.
Grizzly G1037	695	6 x 13	3/8	3 x 5,000	CI	N	R	1 1/2	115/230	224	Molder planer.
Jet JPM-13	999	6 x 13	3/8	3 x 4,500	CI	N	R	1 1/2	115/230	204	Molding capability.
Jet JPM-13CS	1,099	6 x 13	3/8	3 x 4,500	CI	N	R	1 1/2	115/230	204	Molding capability; closed stand w/ infeed, outfeed rollers.
General 130-1	3,900	6 x 14	3/8	3 x 4,500	CI	Y	S	3	230	610	Transmission-type gear box.
General 130-1-M1	3,200	8 x 14	3/8	3 x 4,500	CI	Y	S	3	230	650	
Bridgewood adj. BW-15P	849	6 x 15	3/8	3 x 4,500	CI	Y	S, R	3	230	446	Top rollers; jackscrew knife
Craftsman 23374	1,299	6 x 15	3/8	3 x 5,000	CI	Y	S	2	230	548	4 columns; 2 feed speeds: 16, 20 fpm.
Grizzly G1021	765	6 x 15	3/8	3 x 5,000	CI	Y	S	2	230	395	4 columns; 2 speeds.
Jet JWP-15HO	1,539	6 x 15	3/8	3 x 4,500	CI	Y	S	3	230	480	Adj. extension table rollers.
Jet JWP-15CS	1,539	6 x 15	3/8	3 x 4,500	CI	Y	S	3	230	480	Set of 3 infeed/out-feed rollers; stand w/ casters.
Lobo WP-0015	999	6 x 15	3/8	3 x 4,500	CI	Y	S, R	3	230	520	Top rollers; 2 feed speeds: 16, 20 fpm.
Powermatic 15	1,672	6 x 15	3/8	3 x 4,500	CI	Y	S, R	3	230	484	Top rollers; DE knives; enclosed stand.
Reliant DD37	895	6 x 15	3/8	3 x 4,500	CI	Y	S	3	230	529	Top rollers for easy stock return.
Seco SK-0015WP	1,136	6 x 15	3/8	3 x 5,000	CI	Y	R	3	230	488	Three-belt drive; knife-setting gauge.
Star S3715	1,050	6 x 15	3/8	3 x 5,000	CI	Y	S	3	230	475	Knife-setting gauge; 4-in. dust port.
Sunhill CT-38B	925	6 x 15	3/8	3 x 4,500	CI	Y	S	3	230	506	Triple V-belt drive; magnetic controls.



DW733
12-1/2" HEAVY-DUTY
THICKNESS PLANER



PLANE AND SIMPLE. THE SMOOTHEST FINISH.

A bold statement? Not when you're an industry leader. The DW733 heavy-duty thickness planer is that good. When smooth finishes, superb accuracy and an extra-long service life are your attributes, it's easy to show off to your friends. You can tell them about its unique carriage head lock for stability. Heavy-duty, M2-laminated, high-speed steel knives that last up to five times longer than other knives and can be resharpened. A powerful 15-amp motor that spins at 10,000 rpm for 64.1 cuts per inch. Collapsible feed tables that provide 30% more material support. A carriage head that rides on four steel columns for a completely stable cutter head. And, it's even portable, which allows you to do the best job in neighborhoods all over. The only question left is, what should your next project be?

2000 TOOL BUYER'S GUIDE

Thickness Planers

KEY: A= aluminum, CI= cast iron, S= steel. Feed Rollers: R= rubber coated.
S= serrated steel, Y= yes, N= no, OPT= optional, NA= information not available. Comments:
DE=double-edge knives, DED=double-edge disposable knives. **New models in red.**

Brand & Model	List Price	Max. Stock T x W (in.)	Max. Cutting Depth (in.)	No. of Knives x Rpm	Bed Material	Bed Rollers	Feed Rollers	HP	Volts	Weight (lb.)	Comments & Features
Sunhill CT-400D	\$2,500	6 x 16	3/4 top 3/4 bottom	3 x 15,000	CI	N	S, R 3/top 2/bottom	230	700		Doubled-sided and single-sided magnetic controls.
Transpower AP900	850	6 x 15	3/8	3 x 5,600	CI	Y	S	3	230	500	Single extension rollers.
Woodtek 875001	1,075	6 x 15	3/4	3 x 4,850	S	N	S	2	230	470	Adj. extension table.
Delta 22-680	1,543	6 1/2 x 15	3/4	3 x 5,000	CI	Y	S	3	230	355	Adj. bed rollers.
North State 315	889	6 1/2 x 15	3/8	3 x 5,000	CI	Y	S	3	230	500	Knife-setting gauge; 2 speeds.
General Int'l 30-125	1,600	7 x 15	3/4	3 x 5,000	CI	Y	S	3	230	484	DE knives.
General Int'l 30-300 MI	2,200	8 x 20	3/8	3 x 5,000	CI	Y	S	3	230	880	Large cast-iron extension wings.
Lobo WP-1015	869	8 x 15	3/4	3 x 4,500	CI	Y	S, R	3	230	480	
Makita 2040	2,610	7 1/2 x 15 1/2	3/8	2 x 6,500	CI	Y	R	2	115	254	Ball & needle bearings.
Bridgewood BW-16PV	2,795	7 x 16	3/4	3 x 5,600	CI	Y	S	3	230	748	Var. feed speed; jackscrew knife adj.
Transpower AP800	750	8 x 16	3/8	3 x 5,600	CI	Y	S, R	3	230	480	Triple extension rollers.
RBI 816	1,999	8 x 16 1/2	3/8	4 x 4,600	S	N	R	5	230	440	Opt. mold, sand, saw; var. feed speed.
Powermatic 180	6,487	6 x 18	3/4	3 x 4,800	CI	Y	S	5	230/460	1,523	Quick-change cutterhead opt.
Woodmaster 718	1,777	7 x 18 1/2	3/8	3 x 4,200	CI	N	R; S OPT	5	230	420	Var. feed speed; opt. mold, sand, saw.
Seco SK-824WP	4,495	6 x 20	3/4	3 x 5,400	CI	N	S	7 1/2	230	1,606	Knife-setting gauge; 3-belt drive.
Bridgewood BW-200P	2,495	6 1/2 x 20	3/4	3 x 5,000	CI	Y	S	5	230	780	Anti-kickback fingers; jackscrew knife adj.
Grizzly G5850	2,495	7 1/2 x 20	3/4	3 x 5,200	CI	Y	S	5	230	900	
Seco SK-A720WP	2,676	6 1/2 x 20	3/4	3 x 5,200	CI	N	S	5	230	891	Knife-setting gauge; 3-belt drive.
Bridgewood BW-20PV	3,395	7 x 20	3/4	3 x 5,600	CI	Y	S	5	230	857	Var. feed speed; jackscrew knife adj.
Grizzly G1033	1,295	8 1/2 x 20	3/4	4 x 4,833	CI	Y	S	3	230	770	3-belt drive; 2 speeds.
Jet JWP-20H-1	4,819	7 x 20	3/4	3 x 5,600	CI	Y	S	3	230	1,058	Sectional infeed rollers; 5 HP opt.
Seco SK-0020WP	1,739	7 x 20	3/4	4 x 5,000	CI	Y	R	3	230	882	Knife-setting gauge; 3-belt drive.
Woodtek 816427	2,479	7 x 20	3/8	3 x 6,000	CI	Y	S	3	230	790	Top rollers.
Woodtek 816434	2,479	7 x 20	3/8	3 x 6,000	CI	Y	S	5	230	790	Top rollers; 3-phase.
Jet JWP-208-1	2,859	8 x 20	3/8	4 x 5,000	CI	Y	S	3	230	770	Magnetic switches; 5 HP opt.
Lobo WP-0020	1,590	8 x 20	3/4	4 x 5,000	CI	Y	S, R	3	230	920	Top rollers; 2 speeds.
Lobo WP-1120	2,390	8 x 20	3/4	3 x 5,000	CI	Y	S, R	3	230	1,000	3-belt; 24 fpm.
Lobo WP-2000	2,990	8 x 20	3/4	3 x 5,500	CI	Y	S, R	3	230	1,100	
North State CT-508	1,395	8 x 20	3/4	4 x 5,000	CI	Y	S	5	230	950	Knife-setting gauge; 2 speeds.
Star S3720	1,295	8 x 20	3/4	4 x 5,000	CI	Y	S	3	230	810	Knife-setting gauge; 5-in. dust port.
Star S3725	1,550	8 x 20	3/4	4 x 5,000	CI	Y	S	5	230	850	Knife-setting gauge; 5-in. dust port.
Sunhill CT-508	1,395	8 x 20	3/4	4 x 5,000	CI	Y	S	3	230	925	Triple V-belt drive.
Transpower AP200A	1,275	8 x 20	3/4	4 x 5,600	CI	Y	S, R	5	230	882	Extension table rollers.
Transpower AP720	2,100	8 x 20	3/4	3 x 5,200	CI	Y	S	5	230	1,100	Top rollers for easy stock return.
Delta 22-450	4,699	8 1/2 x 20	3/8	3 x 5,000	CI	Y	S	5	230/460	840	Adj. bed rollers, single phase available.
Delta 22-470	5,293	9 x 24	3/4	3 x 5,000	CI	Y	S	7 1/2	230/460	985	Adj. bed rollers.
Bridgewood BW-508	4,395	9 x 20	3/4	3 x 5,200	CI	Y	S	5	230	1,370	Jackscrew knife adj.; USA-made; adj. bed rollers.
Bridgewood BW-240P	3,395	6 1/2 x 24	3/4	3 x 5,000	CI	Y	S	5	230	880	Jackscrew knife adj; adj. bed roll.; height lever; all-gear drive; safety micro switch.
General 330	8,500	9 x 20	3/4	4 x 4,500	CI	Y	S	5	230	2,000	
Lobo WP-508	5,790	11 1/2 x 20	3/8	4 x 4,800	CI	Y	S	7 1/2	230	1,800	4 knives; feed motor 1 HP.

FLOOR



Craftsman 23374



Grizzly G1021



Woodmaster 718

See page 5
for listing of manufacturers.

Continued on page 102

Attention
Woodworkers!

4-WAY MONEY-MAKER!

● PLANES ● MOLDS ● SANDS ● SAWS

4-in-1 Woodmaster planes to exact thickness, sands satin-smooth, saws with power feed. Quickly turns a \$2 rough board into \$25 worth of finished trim! Molds over 350 standard patterns, tongue & groove, picture frame stock, any custom design. Choose from 12", 18" and 25" models!

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Thickness Planers

KEY: A= aluminum, CI= cast iron, S= steel. Feed Rollers: R= rubber coated, S= serrated steel, Y= yes, N= no, OPT= optional, NA= information not available. Comments: DE=double-edge knives, DED=double-edge disposable knives. *New models in red.*

Brand & Model	List Price	Max. Stock T x W (in.)	Max. Cutting Depth (in.)	No. of Knives x Rpm	Bed Material	Bed Rollers	Feed Rollers	HP	Volts	Weight (lb.)	Comments & Features
Laguna P20	\$8,495	12 x 20	3/8	4 x 4,500	CI	Y	S	5.5	230	2,100	Rollers segmented.
Laguna P24	9,995	12 x 24	3/8	4 x 4,500	CI	Y	S	5.5	-	2,000	Digital readout.
RBI 820	2,399	8 x 20 1/2	3/8	4 x 4,600	S	N	R	5	230	500	Opt. mold, sand, saw; var. feed speed.
Mini Max SP-1	7,255	9 1/2 x 20 1/2	3/8	4 x 4,500	CI	Y	S	9	230/460	1,496	3-phase; very quiet.
Seco SK-820-WP	3,517	6 x 24	1/4	3 x 5,400	CI	N	S	5	230	1,507	Knife-setting gauge; 3-belt drive.
Grizzly G5851	3,495	8 1/2 x 24	1/4	3 x 5,200	CI	Y	S	5	230	1,030	
Seco SK-A724WP	3,278	6 1/2 x 24	1/4	3 x 5,200	CI	N	S	7 1/2	230	1,144	Knife-setting gauge; 3-belt drive.
Seco SK-A724WP5	2,950	6 1/2 x 24	1/4	3 x 5,200	CI	N	S	5	230	1,144	Knife-setting gauge; 3-belt drive.
North State WJ-24	2,900	7 x 24	1/4	3 x 5,300	CI	Y	S	7 1/2	230	1,450	Var. feed speed; magnetic controls.

FLOOR

Brand & Model	List Price	Max. Stock T x W (in.)	Jointer Max. Cutting W. (in.)	Jointer Bed Length (in.)	No. of Knives x RPM	Bed Rollers, Feed Rollers	HP	Volts	Weight (lb.)	Comments & Features
Inca 570	\$2,895	6 1/2 x 10 1/2	10 1/2	42	3 x 6,000	N, S	2	115/230	180	Tersa cutterhead.
Euroshop JP-300	2,695	9 x 11 1/2	11 1/2	58 1/2	3 x 6,000	N, S	3 1/2	230	530	Opt. tersa cutterhead; mortiser.
Robland XSD	2,695	9 x 12	12	55 1/2	3 x 6,000	N, S	3	230	700	Var. feed speed opt.
Hitachi P12RA	1,140	6 1/2 x 12 1/2	6 1/2	28 1/2	2 x 10,400	N, R	2 1/2	115	99.5	Portable; jointer removable.
Mini Max FS350	4,255	9 1/2 x 13 1/2	13 1/2	71	3 x 4,500	N, S	3	230	695	Opt. slot mortiser.
Euroshop JP-410	4,975	9 x 16	16	78 1/2	3 x 6,000	N, S	4 1/2	230	957	Opt. tersa cutterhead; mortiser.

JOINTER-PLANNER

See page 5 for listing of manufacturers.



Delta 22-680

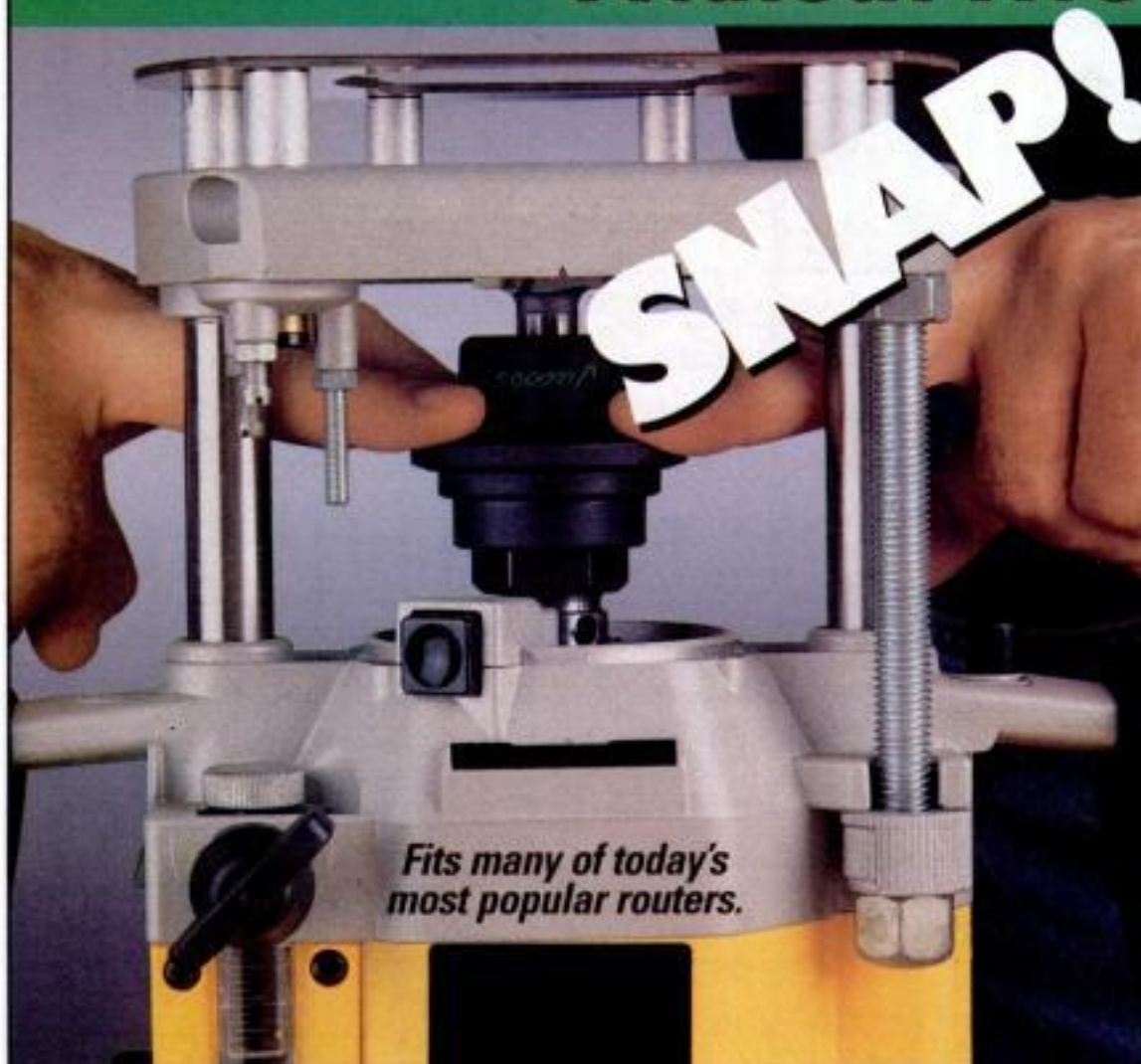


Inca 570



Hitachi P12RA

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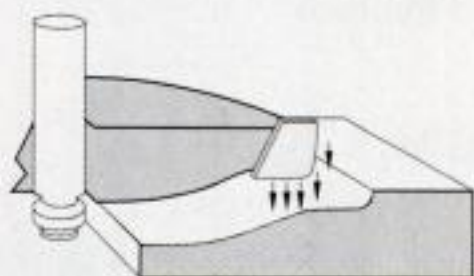
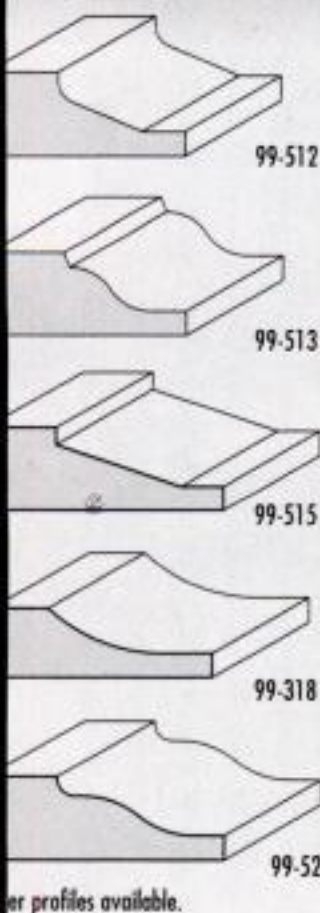


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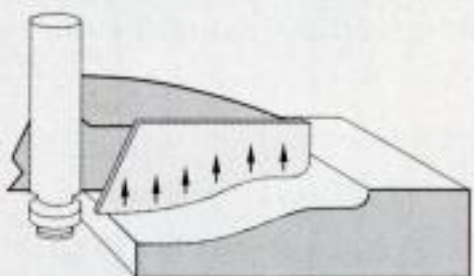
- **Anti-Kickback Design*** chip limiters restrict tooth bit reducing the effects of kickback.
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- **Multi-Axis Grinding** provides consistent relief angles on the entire cutting edge for a flawless finish.
- **Shear Angle** Lets the bit slice through the wood, producing a superior finish on all materials.
- **Computer Balancing** eliminates vibration and chatter resulting in clean, smooth profiles.
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Routers



EDGE GUIDE

PHOTO BY KIRBY PHOTOGRAPHY

A router cuts joints, profiles edges, creates duplicate parts, joints the edges of boards, cuts circles and plows dadoes. In a router table it cuts raised panels and can shape a wide variety of moldings. Given all this versatility, it's common to find more than a couple routers in a woodworker's shop, from small hand-held 1-hp models to large 3½ hp units mounted under a router table.

2 Types of Routers

Fixed Base

Using this router, you set the depth of cut and don't change it while the router is running. It's ideal for routing edges and making template-guided cuts. Smaller fixed-base routers—in the 1- to 1¾-hp range—are handy to use with dovetail and other jigs because they're fairly light weight. A fixed-base router will also work well mounted in a router table.



Fixed-base router



Fixed-base router with D-handle

A fixed-base router with a D-handle, preferred by many woodworkers, is easy to grip and guide through the cut. A trigger switch in the handle lets you turn the router On and Off without removing your hand from the tool.

Plunge

With this router you can control the depth of cut as you work—which means you work faster because you don't shut off the router to change the cutting depth. You can make a shallow pass, then press down harder the second pass to cut deeper. Springs in the posts return the housing back up to clear the bit of the work. A plunge router is great for cutting mortises, stopped grooves and dadoes, or incised letters. Equipped with a depth-adjustment knob, a plunge router also works well in a router table.



Upside-down adjustments. A depth-adjustment knob makes it easier to adjust bit height on table-mounted plunge routers.



Bit Changing

Two features contribute to easy bit changing: spindle locks and self-ejecting collets. Spindle locks enable you to loosen the collet with only one wrench (see photo, below left). Self-ejecting collets spit out the bit once the collet is loosened.

Switch

Handle-mounted trigger switches are more accessible and safer than body-mounted switches. But in a router table, a trigger switch is more difficult to reach than a body-mounted rocker switch.

Features

Power

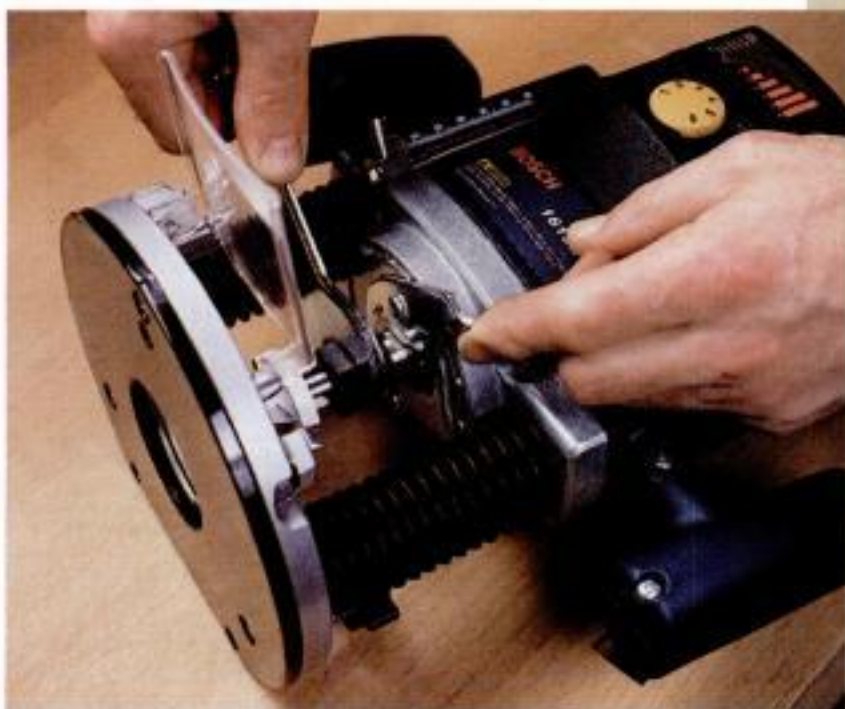
One basic rule applies: More power means a larger, heavier router. The smallest routers, rated at $\frac{7}{8}$ to $1\frac{3}{4}$ hp, weigh between 5 and 12 lbs. The most powerful routers, with 3- to $3\frac{1}{2}$ -hp motors, weigh between 11 and 18 lbs.

For router-table work, you're better off with a powerful router—one rated at 2 hp or more. These routers can hold hefty bits with $\frac{1}{2}$ -in.-dia. shanks. With the proper collet or a $\frac{1}{4}$ -in. bushing, you'll also be able to use $\frac{1}{4}$ -in. shank bits.

Because the big machines are so heavy, many woodworkers use two routers: a 1- to $1\frac{1}{2}$ -hp model that's easy to maneuver, and a larger, more powerful router for heavier shaping.

Electronic Variable Speed

The typical router cruises at 22,000 rpm, a speed that's fine for bits less than 1-in. dia., but way too fast for 2- or 3-in.-dia. bits. What's more, switching on the router accelerates large bits to cruising speed with a mighty jerk. Electronic variable speed (EVS) allows you to select the speed, making it safer to use large bits. Some models with EVS sport a "soft-start" feature, which brings the motor up to speed progressively, eliminating the disconcerting jerk.



Easy bit changing. A spindle lock and a self-ejecting collet simplify bit changing.

Options/Accessories

EDGE GUIDE. Many routers have openings in their bases for an edge guide which works like a fence to guide the router parallel to an edge ([see opening photo, p. 104](#)). They work well for cutting rabbets and grooves and, with a plunge router, for cutting mortises. \$66. Available from Woodhaven; (800) 344-6657.

ROUTER TABLE. Get your router to work like a shaper. You can buy an aftermarket router table or make your own. \$130. Available from Lee Valley; (800) 871-8158. Or see AW #44, p. 30.

TEMPLATE GUIDE BUSHINGS. These fit in the base to guide the router during template and inlay cuts. They also work well with homemade jigs for cutting mortises. \$37. Available from Woodworker's Supply; (800) 645-9292.



Routers

KEY: Trigger Location: B = body, H = handle. Plunge Lock: L = locked when pressed, U = unlocked when pressed, T = twist handle to lock/unlock. *Soft-start.
 Has depth-adjustment knob. **New models in red.



Ryobi RE170



Bosch 1617EVS



Porter-Cable 7518



Festo Tooltechnic FO1000E Plus

See page 5
for listing of manufacturers.

FIXED

PLUNGE

Brand & Model	List Price	HP	Speeds (rpm)	Collet Sizes (in.)	Trigger Location	Depth Adjustment Range (in.)	Weight (lb.)	Comments & Features
Porter-Cable 100	\$219	1/4	22,000	1/4	B	1 1/2	6.8	Calibrated depth-adj. ring.
Makita 3601B	370	1 1/4	23,000	1/4, 1/2	H	2	8	Calibrated depth-adjustment.
Makita 3606	180	1	30,000	1/4	B	3	5.5	Calibrated depth-adj. ring.
Craftsman 17504	70	1 1/4	25,000	1/4	H	1 1/2	8	Depth-adj. ring; worklight; zero reset ring; spindle lock.
DeWalt DW610	270	1 1/4	25,000	1/4, 1/2	B	2 1/2	7.3	Rack & pinion depth adj.; all metal housing and fan.
Milwaukee 5660	357	1 1/4	24,500	1/4, 1/2, 3/4	B	2 1/2	8.5	Calibrated depth-adj. ring.
Porter-Cable 690	284	1 1/4	23,000	1/4, 1/2, 3/4	B	1 1/2	8	Self-eject collet.
Porter-Cable 691	312	1 1/4	23,000	1/4, 1/2, 3/4	H	1 1/2	9.3	D handle; self-eject collet.
Ryobi R160	65	1 1/4	25,000	1/4	H	1 1/2	7.5	Dual depth scale.
Bosch 1617	307	1 1/4	25,000	1/4, 1/2, 3/4, 8 mm	B	1 1/2	7.5	Precision centering system; magnesium body.
Bosch 1618	333	1 1/4	25,000	1/4, 1/2, 3/4, 8 mm	H	1 1/2	8	Precision centering system; magnesium body.
Craftsman 17505	80	1 1/4	15,000 - 25,000	1/4	H	1 1/2	8.3	Depth-adj. ring; zero reset ring; worklight; spindle lock.
Ryobi R165K	75	1 1/4	25,000	1/4	H	1 1/2	8	Dual depth scale; worklight.
Ryobi RE170	119	1 1/4	15,000 - 25,000	1/4, 1/2	H	1 1/2	8.8	Dual depth scale; worklight.
Bosch 1617EVS	349	2	8,000 - 25,000*	1/4, 1/2, 3/4, 8 mm	B	1 1/2	7.7	Precision centering system; magnesium body.
Craftsman 17506	100	2	15,000 - 25,000	1/4	H	1 1/2	9.1	Zero reset; worklight; 10 ft. cord; dust bag; spindle lock.
Craftsman 27500	130	2	25,000	1/4, 1/2	H	1 1/2	11	Zero reset; worklight; spindle lock; depth adj. ring.
Milwaukee 5680	367	2	26,000	1/4, 1/2, 3/4	B	2 1/2	8.8	Calibrated depth-adj. ring.
Milwaukee 5682	388	2	26,000	1/4, 1/2, 3/4	B	2 1/2	8.8	
Ryobi R180	129	2	25,000	1/4, 1/2	H	1 1/2	8.8	Dual depth scale; worklight.
Ryobi RE185	149	2 1/4	15,000 - 20,000*	1/4, 1/2	H	1 1/2	9	Dual depth scale; worklight; soft start.
Porter-Cable 7518	550	3 1/4	10,000 - 21,000*	1/4, 1/2, 3/4	B	2 1/2	14.5	Self-eject collet.
Porter-Cable 7519	502	3 1/4	21,000*	1/4, 1/2, 3/4	B	2 1/2	15	Self-eject collet.

Brand & Model	List Price	HP	Speeds (rpm)	Collet Sizes (in.)	Max Plunge Depth (in.)	Trigger Location	Plunge Lock	Weight (lbs.)	Comments & Features
Makita 3621	\$250	1 1/4	24,000	1/4	1 1/2	B	L	5.3	3 plunge stops.
Festo Tooltechnic FO1000E Plus	330	1 1/4	10,000 - 20,000*	1/4, 8 mm	1 1/2**	H	T	6	Edge guide; dust shroud incl.
Porter-Cable 693	338	1 1/4	23,000	1/4, 1/2, 3/4	2 1/2	B	U	11.5	Self-eject collet.
Skil 1823	123	1 1/4	25,000	1/4	2	H	L	7	Flat top for easy bit changes.
Craftsman 17507	120	1 1/4	15,000 - 25,000	1/4	2	H	U	8.4	Spindle lock; depth stop.
Ryobi R175	99	1 1/4	25,000	1/4	2**	H	U	8.1	Micro depth adj.
Ryobi RE175	129	1 1/4	15,000 - 25,000	1/4	2**	H	U	8.1	Micro depth adj.
Skil 1840	152	1 1/4	25,000	1/4	2**	H	L	7	Guide bushing incl.
Bosch 1613EVS	374	2	12,000 - 22,000*	1/4, 1/2, 3/4, 8 mm	2**	H	U	10	Micro-depth adj. knob.
Craftsman 27510	190	2	22,000	1/4, 1/2	2 1/2**	H	L	11.5	Spindle lock; 10 ft. cord; accessible brushes.
DeWalt DW621	370	2	8,000 - 24,000*	1/4, 1/2	2 1/2**	H	T	9	Integral dust collection.
Hitachi M8V	177	2	10,000 - 25,000*	1/4	1 1/2	B	L	6.4	Edge guide; guide bushing incl.
Skil 1845-02	221	2	8,000 - 25,000*	1/4	2**	H	L	7.3	Toolless collet; case, guide bushing incl.
Skil 1845-44	192	2	8,000 - 25,000*	1/4	2**	H	L	7.3	Guide bushing incl.
Bosch 1615	457	3	25,000	1/4, 1/2, 3/4	3	H	U	12	Quick-connect guide bushing holder incl.
Porter-Cable 7529	415	2	10,000 - 23,000	1/4, 1/2, 3/4	2 1/2	H & B	U	11	Soft start, brake, dust collection (integral), 4 plunge stops, micro depth adjust.

Routers

KEY: Trigger Location: B = body, H = handle. Plunge Lock: L = locked when pressed, U = unlocked when pressed, T = twist handle to lock/unlock. *Soft-start.

**Has depth-adjustment knob. *New models in red.*



Makita 3612C



Freud FT2000E

Brand & Model	List Price	HP	Speeds (rpm)	Collet Sizes (in.)	Max Plunge Depth (in.)	Trigger Location	Plunge Lock	Weight (lbs.)	Comments & Features
DeWalt DW625	\$544	3	8,000 - 22,000*	1/4, 1/2	2 1/2**	H	L	11.3	Rack & pinion depth stop.
Hitachi TR12	213	3	22,000	1/4, 1/2, 3/4	2 1/2	B	L	11	Edge & trim guides, guide bushing incl.
Ryobi RE600	275	3	10,000 - 22,000	1/4, 1/2	2 1/2**	H	L	13.6	Edge guide incl.; soft start.
Bosch 1615EVS	578	3 1/4	12,000 - 23,000	1/4, 1/2, 3/4	3**	H	U	12.3	Quick-connect guide bushing holder incl.
Freud FT2000E	410	3 1/4	8,000 - 22,000*	1/4, 1/2	2 1/2**	B	L	12.9	Dust shroud incl.
Makita 3612	397	3 1/4	22,000	1/4, 1/2	2 1/2**	B	L	13.2	Electronic brake.
Makita 3612 C	559	3 1/4	9,000 - 22,000	1/4, 1/2	2 1/2**	B	L	13.2	
Porter-Cable 7538	515	3 1/4	21,000	1/4, 1/2, 3/4	3	H	U	17.3	Self-eject collet.
Porter-Cable 7539	564	3 1/4	10,000 - 21,000*	1/4, 1/2, 3/4	3	H	U	17.3	Self-eject collet.
Craftsman 27511	250	3 1/4	10,000 - 22,000*	1/4, 1/2	2 1/2**	H	L	13	Edge guide incl.; 10 ft. cord; accessible brushes; guide bushing incl.; soft start.
Hitachi M12V	211	3 1/4	8,000 - 20,000*	1/4, 1/2, 3/4	2 1/2**	B	L	11.7	Edge guide; guide bushing incl.

PLUNGE

See page 5
for listing of manufacturers.

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Random-Orbit

4 Types of Random-Orbit Sanders

Right-Angle

In this design, the motor transmits power to the sanding pad via

bevel gears. These powerful sanders are well suited for aggressive stock removal. Right-angle sanders are harder to control than in-line models, so two-hand operation is a must.



In-Line

With the motor above the sanding pad, these sanders have better balance and operate more gently and with less noise. Most in-line models can be used with either one or two hands.



Palm-Grip

This smaller in-line sander is ideal for easily finishing sanding vertical surfaces where weight is an issue. They're also handy and inexpensive.



Pneumatic

Air-powered sanders are typically



PHOTO BY KRIVIT PHOTOGRAPHY

This sander creates a silky-smooth surface ready for finish, and can also, with coarse sandpaper, aggressively remove wood like a belt sander. It's unbeatable for flush sanding face frames or anywhere grain direction changes. Random-orbit sanders are sized by disc diameter—5 and 6-in. models are the most common.

Sanders

Features

Size

If you plan to do a lot of sanding on large, flat surfaces, look for one that takes 6-in.-dia. discs. For general-purpose sanding, 5-in. discs are the most convenient to use.

Offset

How random-orbit sanders actually work is complicated. Suffice it to say that the larger the sander's offset (orbit) the more aggressively the sander will remove wood. Aggressive sanders are fast, but they produce rougher surfaces than models with smaller offsets.

Pressure-Sensitive Adhesive (PSA) vs. Hook-and-Loop Discs

Random-orbit sanders use either pressure-sensitive-adhesive backed (PSA-type) discs, or hook-and-loop discs.

PSA discs generally cost less. But the adhesive can lose its stickiness, and once you pull it off the disc it's hard to stick it back on. Hook-and-loop discs, on the other hand, can be removed and reused, making it easy to switch grits.

more aggressive than electric models, and they tend to run more smoothly. They're smaller and lighter than the electrics, so they're easier to control and less tiring to use. Plus they're more durable than electric sanders.

You will need a 5-hp or larger, two-stage air compressor to power a pneumatic sander. It should produce 12 to 16 cfm at 90 psi.

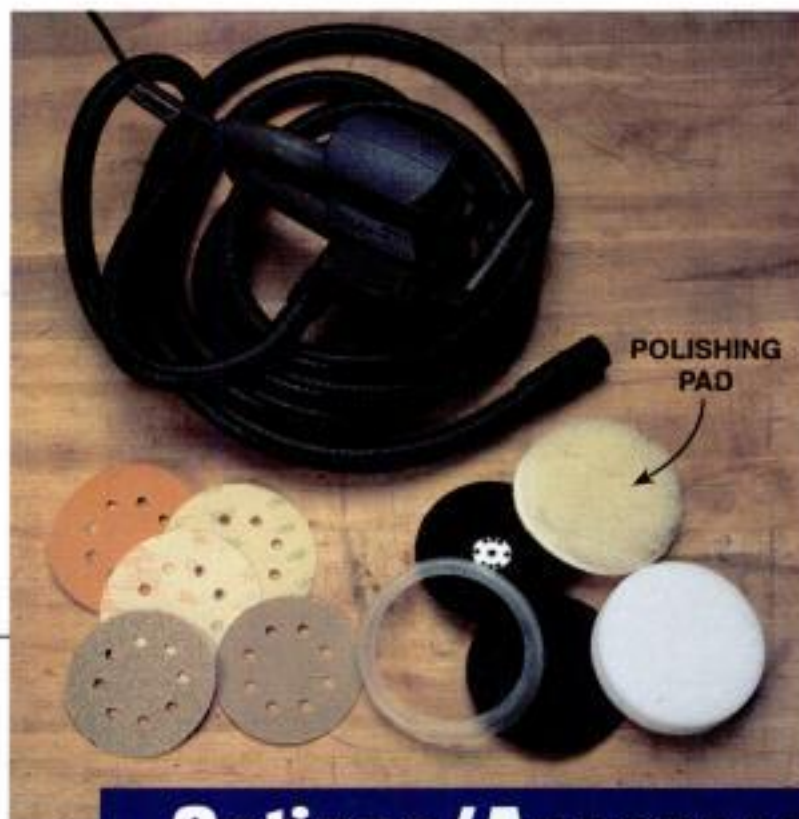


Variable-Speed Control

For delicate work you may want to slow the sander down. Some of the new random-orbit sanders have variable speed. Typically, the speed control dial is separate from the trigger switch, so you can change speeds while you're sanding.

Dust Collection

Most random-orbit sanders have holes in the pad that line up with holes in the discs through which dust is pulled as you sand. Buy a sander you can hook up to a shop vacuum or dust collector.



Pads, discs and dust extraction. Accessory pads (bottom right) let you use your sander for buffing and polishing. On some sanders dust is extracted via holes in the abrasive disc (bottom left). For optimum dust control, connect your sander to a shop vacuum with a flexible hose (top).

Options/Accessories

CONTOUR SANDING PADS. A softer pad is available for most sanders for contour sanding rounded edges and scooped-out chair seats.

ABRASIVE AND POLISHING PADS. For sanding between coats of finish, use woven abrasive pads. For polishing, use sponge pads.

SUCTION HOOD AND VACUUM HOSE. Adding a suction hood increases your sander's dust-collection efficiency. Use a vacuum hose to connect your sander to a shop vacuum.

All accessories above are available from individual manufacturers.

Random-Orbit Sanders

KEY: Pad Type: HL = hook/loop, PSA = pressure-sensitive adhesive. Dust Collection: DB = dust bag, DC = dust canister, VP = vacuum port. Y = yes, N = no, OPT = optional. — = not applicable. **New models in red.**

Brand & Model	List Price	Pad Dia. (in.)	Pad Type	Pad Brake	Orbits per Minute	Dust Collection	Amps	Weight (lb.)	Comments & Features
Black & Decker RO600	\$59	5	HL	Y	10,500	DB	1.4	5	Finish, detail & ROs features; accessories; adj. front handle.
Bosch 3107DVS	182	5	HL	Y	4,500 - 13,000	DB, VP	3.3	5	Adj. front handle.
Bosch 3107DVSK	213	5	HL	Y	4,500 - 13,000	DB, VP	3.3	5	Adj. front handle; disc assortment; cloth & paper bag; case.
Bosch 3725DVS	272	5	HL	Y	4,500 - 12,000	DB, VP	3.3	5	Dual bearing pad mount; soft-grip top.
Bosch 3727DVS	283	6	HL	Y	4,500 - 12,000	DB, VP	3.3	5.2	Dual bearing pad mount; soft-grip top.
Craftsman 27717	70	5	PSA	Y	13,000	DC	3	3.5	HL pad available.
Festo Tooltechnic ET-2E	268	6	HL	Y	8,000 - 20,000	DB, VP	2.2	4.6	
Makita BO5020	125	5	HL	Y	12,000	DB	2	3.1	Sealed ball bearings.
Makita BO5021	167	5	HL	Y	4,000 - 12,000	DB	2	3.1	Sealed ball bearings.
Metabo 0125	239	5	HL	Y	5,000 - 12,000	DB	1.8	5.2	
Metabo SXE425	229	5	PSA	Y	5,000 - 12,000	DB	3.6	5.2	Removable front handle.
Metabo SXE450	289	6	PSA	Y	4,000 - 10,000	DB	3.8	6.5	Switches from small to large orbit for different tasks.
Milwaukee 6025-20	236	5	HL	Y	5,500	DB, VP	4	4.9	High torque w/ 4:1 gear reduction; 3/8-in. orbit.
Milwaukee 6020-20	270	6	HL	Y	4,000 - 5,500	DB, VP	4	5.1	High torque w/ 4:1 gear reduction; 3/8-in. orbit.
Ryobi RS280	79	5	PSA	Y	7,000 - 13,000	DC	2.8	3.6	Removable front handle; in-line design.
Black & Decker RO100	39	5	HL	Y	12,000	DB	2	3.5	Pad brake controls pad speed.
Bosch 1295D	128	5	HL	Y	12,000	DC, VP	2.2	3.5	360° dust canister; sealed switch.
Bosch 1295DH	155	5	HL	Y	12,000 - 14,000	DC, VP	2.4	3.5	360° dust canister; sealed switch; 2 speeds.
Bosch 1295DP	128	5	PSA	Y	12,000	DC, VP	2.2	3.5	360° dust canister; sealed switch.
Craftsman 11621	40	5	PSA	Y	12,500	DB	2.4	3	Sealed on/off switch; hook & loop pad available.
DeWalt DW420	114	5	PSA	Y	12,000	—	2	3	Sealed on/off switch.
DeWalt DW421	124	5	HL	Y	12,000	DB, VP	2	3	Sealed on/off switch; built-in vac. adaptor.
DeWalt DW422	124	5	PSA	Y	12,000	DB, VP	2	3	Sealed on/off switch; built-in vac. adaptor.
DeWalt DW423	150	5	HL	Y	7,000 - 12,000	DB, VP	2	3.2	Electronic variable speed; built-in vac. adaptor.
Dynabrade Dynorbital Electric	329	5	PSA	N	10,000	OPT	5.5	4.8	Smaller 3/8-in. orbit for fine work.
Makita B05010	125	5	HL	Y	12,000	DB	2	2.6	
Makita B05001	125	5	HL	N	10,000	VP	1.7	2.9	
Makita B05011	121	5	PSA	Y	12,000	DB	2	2.6	12-position dust bag.
Milwaukee 6018-6	118	5	PSA	N	12,000	DB, VP	1.8	2.9	Protected switch.
Milwaukee 6019-6	118	5	HL	N	12,000	DB, VP	1.8	2.9	Protected switch.
Porter-Cable 332	110	5	PSA	Y	12,000	—	1.7	3.2	HL pad available.
Porter-Cable 333	120	5	HL	Y	12,000	DC, VP	2.4	3.5	PSA pad available; swiveling dust canister.
Porter-Cable 333VS	145	5	HL	Y	12,000	DC, VP	2.4	3.5	PSA pad available; swiveling dust canister.
Porter-Cable 334	120	5	PSA	Y	5,000 - 12,000	DC, VP	2.4	3.5	HL pad available; swiveling dust canister.
Ryobi RS240	39	5	HL, PSA	Y	12,500 - 14,000	DB	2.4	2.8	
Porter-Cable 335	150	6	PSA, HL	Y	12,000	DC, VP	2.4	3.8	Takes PSA or HL pads; swiveling dust canister.
Milwaukee 6125	225	5	PSA	N	10,000	OPT	5.5	5	Paddle on/off switch.
Porter-Cable 7335	260	5	PSA	N	2,500 - 6,000	OPT	3.7	5.5	Dust skirt; HL pad opt.
Bosch 1370DEVs	491	6	HL	Y	4,800 - 12,000	DB, VP	5	5	2-way drive system for rough or fine work.

IN-LINE

PALM GRIP

RIGHT ANGLE



Metabo SXE450



DeWalt DW423



Makita B05010



Porter-Cable 333VS



Festo Tooltechnic R0150E

See page 5
for listing of manufacturers.

Random-Orbit Sanders

KEY: Pad Type: HL = hook/loop, PSA = pressure-sensitive adhesive. Dust Collection: DB = dust bag, DC = dust canister, VP = vacuum port. Y = yes, N = no. OPT = optional. — = not applicable. *New models in red.*



Fein M10000-6



Sioux 890



Craftsman 19977



Master Power 4400



Dynabrade Dynorbital

Brand & Model	List Price	Pad Dia. (in.)	Pad Type	Pad Brake	Orbits per Minute	Dust Collection	Amps	Weight (lb.)	Comments & Features
DeWalt DW443	\$262	6	HL	Y	4,300 - 6,800	DB, VP	4.3	5.7	Rubber-covered gear case.
DeWalt DW444	262	6	PSA	Y	4,300 - 6,800	DB, VP	4.3	5.7	Rubber-covered gear case.
Fein MSF 636-1	625	6	HL	N	7,500	VP	4.7	3.7	98% dust containment w/ opt. Fein vac.
Milwaukee 6126	230	6	PSA	N	10,000	OPT	5.5	5	Paddle on/off switch.
Porter-Cable 7336	265	6	PSA	N	2,500 - 6,000	OPT	3.7	5.8	Dust skirt; HL pad opt.
Festo Tooltechnic RO150E	512	6	HL, PSA	Y	4,000 - 10,000	VP	4	5	Double action: random orbital and plain orbital.

Brand & Model	List Price	Pad Dia. (in.)	Pad Type	Pad Brake	Orbits per Minute	Dust Collection	Air Required (cfm @ psi)	Weight (lb.)	Comments & Features
Aro RS25A-CSV	\$270	5	PSA	N	12,000	VP	16 @ 90	1.8	Lube-free.
Aro RS25A-PSV	245	5	PSA	N	12,000	—	16 @ 90	1.8	Lube-free.
Aro RS25A-VLV	300	5	PSA	N	12,000	DB	16 @ 90	1.9	Lube-free.
Dynabrade Dynorbital Small Grip Supreme	245	5, 6	PSA	N	10,000	OPT	16 @ 90	2.1	Handle designed for small hands.
Dynabrade Dynorbital Supreme	245	5	PSA	N	10,000	VP, DB	16 @ 90	2.1	3/8-in. orbit.
Dynabrade Dynorbital #56815	245	5	PSA	N	12,000	OPT	16 @ 90	2.1	Faster speed.
Dynabrade Dynorbital Supreme	255	5, 6	PSA	N	10,000	OPT	16 @ 90	2.1	Smaller 3/8-in. orbit for fine work.
Jet JSM-603-5	142	5	PSA	N	10,000	—	14 @ 90	3	HL pad opt.
Jet JSM-603V-5	156	5	PSA	N	10,000	VP	14 @ 90	3	HL pad opt.
Master Power 4400 Series	248	5	PSA, HL	N	12,000	DB, VP	5.5 @ 90	1.5	Light weight; low profile.
Sioux 790	240	5	PSA	N	10,000	OPT	15-20 @ 90	2.3	Insulated housing cover.
Sioux 790V	263	5	PSA	N	10,000	VP	16 @ 90	2.3	Insulated housing cover.
Sioux 790VV	304	5	PSA	N	10,000	DB	15-20 @ 90	2.4	Insulated housing cover; venturi vacuum.
Sioux 890	220	5	PSA	N	10,000	OPT	14 @ 90	1.8	Ergonomic grip standard.
Sioux 890V	220	5	PSA	N	10,000	VD	14 @ 90	1.9	
Sioux 890VV	220	5	PSA	N	10,000	DB	14 @ 90	1.9	Venturi vacuum.
Coleman Powermate 024-0092SP	27	6	PSA	N	7,500 - 9,000	—	6 @ 90	4.8	
Coleman Powermate P024-0112SP	40	6	PSA	N	10,000	—	4 @ 90	4.2	
Craftsman 19977	70	6	PSA	N	8,500 - 10,000	—	4 @ 90	4	External regulator for precise speed control.
Fein M10000-6	650	6	HL	N	10,000	DC	3 @ 86	2.4	98% dust collection.
Jet JSG-0402	50	6	PSA	N	10,000	—	4 @ 90	5	HL pad opt.
Jet JSG-0404	59	6	PSA	N	10,000	—	4 @ 90	4	HL pad opt.
Jet JSM-603-6	142	6	PSA	N	10,000	—	14 @ 90	3	HL pad opt.
Jet JSM-603V-6	156	6	PSA	N	10,000	VP	14 @ 90	3	HL pad opt.
Master Power 4408DF	250	6	PSA	N	10,000	VP	5.5 @ 90	2.7	
Sioux 797	240	6	PSA	N	10,000	OPT	15-20 @ 90	2.3	Insulated housing cover.
Sioux 797V	263	6	PSA	N	10,000	VP	16 @ 90	2.3	Insulated housing cover.
Sioux 797VV	304	6	PSA	N	10,000	DB	15-20 @ 90	2.4	Insulated housing cover.

See page 5
for listing of manufacturers.

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Scrollsaws

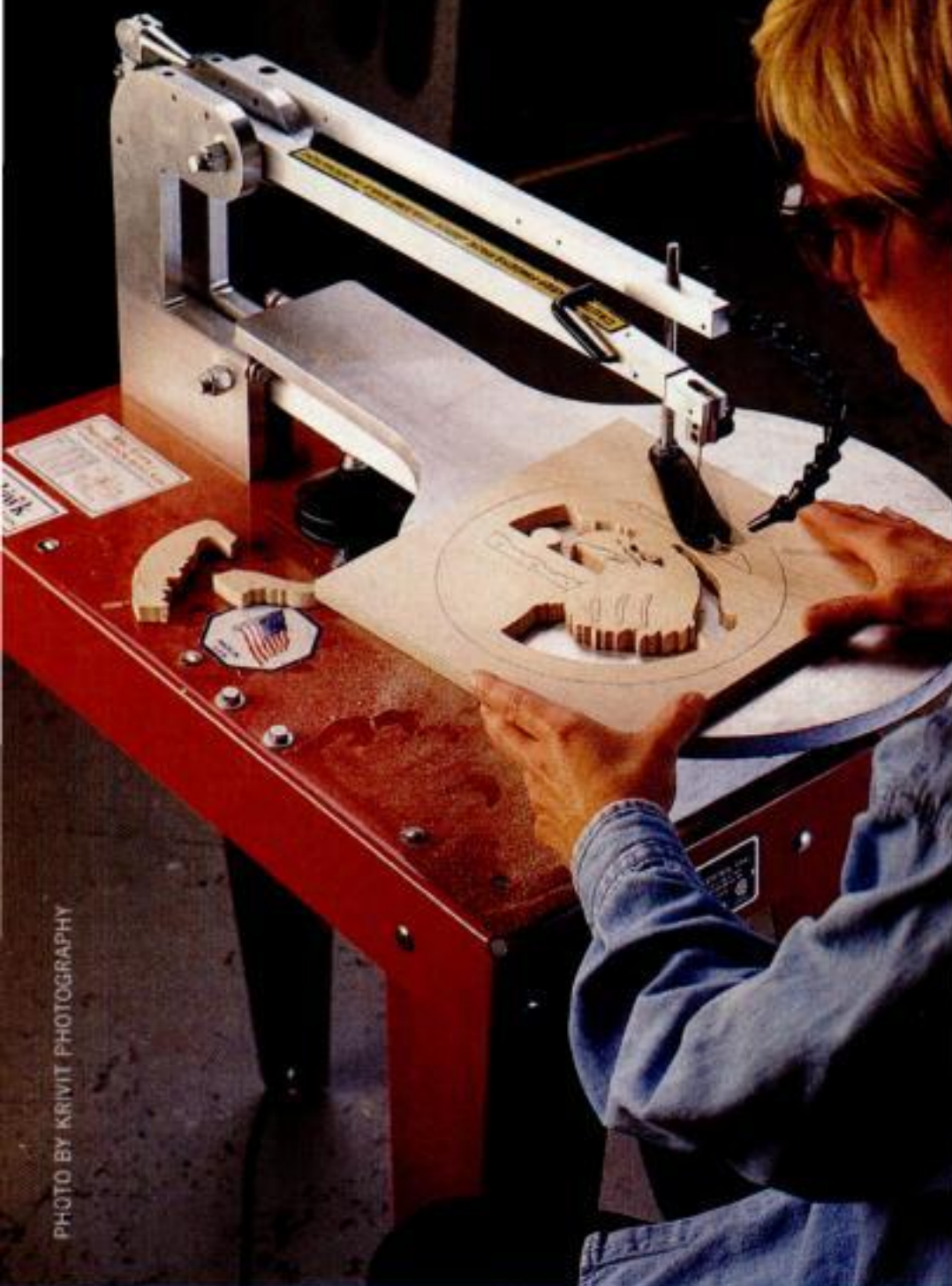


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A specialist's tool for cutting intricate designs in thinner stock, the scrollsaw leaves a lustrous finish on sawn edges which usually require no sanding. Like the lathe, the scrollsaw is very pleasurable to operate. The wide throat opening allows the workpiece to be constantly repositioned to follow the tight curves of fretwork, marquetry and puzzles. Scrollsaws also cut paper, leather, metal, glass and cloth. Use before buying and choose a vibration-free saw that smoothly follows the cutline and has easy blade changing.

3 Types of Scrollsaws

Parallel Arm

Today's scrollsaws have pivoting arms that keep the blade under constant tension—creating less tendency for the work to be pulled upward during cutting, less blade breakage and more accurate cuts.

On the parallel-arm saw, the blade moves straight up and down in a cutting action that's good for extra-fine work and any time you need a perfectly square cut.



Parallel Link

On the parallel link design, available on Excalibur and DeWalt scrollsaws for example, the arms slide forward and backward, pushing and pulling on small levers that hold the saw blade. These levers pivot, moving the blade up and down.



C-Arm

The blade is held between the ends of a single C-shaped arm that pivots up and down. Because the C-arm's saw blade moves in a slight arc, the cutting action is more aggressive and tends to be slightly rougher than the cutting action of a parallel-arm saw.

Features

Benchtop vs. Floor Model

Scrollsaws vibrate due to their reciprocating motion, which can cause inaccurate cuts, blade breakage and operator fatigue. A heavier saw with a rigid stand is good or if you buy a benchtop saw, bolt it to a sturdy workbench.

Throat Depth

The distance from the blade to the back of the saw's arm or arms determines how far in from the edge of a workpiece the saw will cut.

Throat depth ranges from 14- to 30-in. deep.

Cutting Speed

Scrollsaws are available in single-, multiple-, and variable-speed models. Speed is measured in strokes per minute (spm). Generally, scrollsaws cut wood most efficiently at maximum speed—up to 2,000 spm. Lower speeds are good for plastics and metals and for intricate cuts in very thin stock.

On some saws speed changes are made by manually repositioning the drive belt on a step pulley. Many serious scrollsaw users favor electronic variable speed (EVS) control, which provides infinite, convenient adjustment over the tool's speed range.

Table Tilt

Nearly all tables tilt at least 45° in one direction. On a table that tilts both ways, you can cut dovetails. On better saws, the table is

supported by sturdy dual trunnions that adjust smoothly and lock firmly.

Blade Changing

Because it's easy to break the blades—some as thin as 1/32-in.—easy blade changing is important. Practice blade changing before buying a scrollsaw.

If your saw uses pin-end blades—common on less expensive saws—the pins are cradled in the saw's blade locks. If your saw uses plain-end blades, you tighten the flat ends in the blade clamps, usually with an Allen wrench. Some saws have quick release levers (see photo, below right) for faster blade changing. Flat-end blades come in more teeth varieties than pin-end blades.

Switch and Guard

An easily accessible On/Off switch adds safety and convenience. The hold-down/blade guard should adjust easily, lock positively and press the stock firmly against the table without obscuring the cutline.

Options/Accessories

ELECTRONIC VARIABLE SPEED (EVS) CONTROL. This option is available on many scrollsaws.

EXTRA BLADES. A wide variety of blade styles is available. \$7 for 12. Available from Woodworker's Supply; (800) 645-9292.

QUICK-CHANGE BLADE HOLDERS. Make blade changing easy with these quick-release holders. They're standard on some scrollsaws, but they can be added to most others. Aftermarket "quick clamps" are available from Seyco Sales; (800) 462-3353.

MAGNIFIER LAMPS. A magnifying lens and adjustable lamp help you see tiny details better. \$40. Available from MicroMark; (800) 225-1066.



Scrollsaws

KEY: Arm Type: CA = C-arm, FA = fixed arm, PA = parallel arm, PL = parallel link, Y = yes, N = no, OPT = optional.
 — = not applicable. Speed Control: EVS = electronic variable speed, RS = rocker switch, SP = step pulleys.
 * Saws with 2 or more fixed speeds listed thus: # of speeds (low speed, high speed). **New models in red.**

Brand & Model	List Price	Throat Cpy. (in.)	Max. Stock Thick. (in.)	Arm Type	Quick-Release Blade Tension	Quick-Change Blade Holders	Speed Control	Speed: Strokes per Minute*	Table Tilt Range L-R(°)	Weight (lb.)	Comments & Features
Delta 40-530	\$153	16	2	PA	Y	N	RS	1,750	45 - 0	40	Dust blower.
Delta 40-540	243	16	2	PA	Y	Y	EVS	2 (600, 1,800)	45 - 0	46.5	Quickset II blade holder.
Delta 40-560 Type 2	230	16	2	PA	Y	Y	RS	2 (850, 1,725)	45 - 0	46.5	Quickset II blade holder.
Dremel 1672	229	16	2	PA	Y	Y	EVS	500 - 1,600	45 - 45	40	
Grizzly G1257	170	16	2	PA	N	N	EVS	400 - 1,800	0 - 45	40	Dust blower.
Grizzly G5776	120	16	2	PA	N	N	EVS	400 - 1,500	0 - 45	40	Dust blower.
Craftsman 21626	170	16	2	PA	Y	Y	EVS	500 - 1,700	10 - 45	32	Toolless blade clamps; quick zero reset; dust blower; side dust port.
Craftsman 21623	300	24	2	PA	Y	Y	RS	825, 1,725	0 - 45	98	Toolless blade clamps; dust blower.
Makita SJ401	341	16	2	PA	Y	Y	EVS	400 - 1,600	45 - 15	31.4	Dust blower.
Pro-Tech 3303	169	16	2	PA	N	Y	EVS	400 - 1,600	50 - 15	29	
Ridgid SS1650	169	16	2	PA	N	Y	EVS	500 - 1,700	45 - 0	35	Toolless blade change.
Ryobi SC155	99	16	2	PA	Y	N	—	1,750	45 - 0	30	Dust blower.
Ryobi SC165VS	169	16	2	PA	Y	Y	EVS	500 - 1,700	10 - 45	27	Dust blower; side dust port.
Tradesman 8354SL	89	16	2	PA	Y	Y	—	1,725	45 - 0	46	Dust blower; cast-iron table.
Tradesman 8368	179	16	2	PA	Y	Y	EVS	400 - 1,800	45 - 45	40	Dust blower; cast-iron table; light.
DeWalt DW788	816	20	2	PL	Y	Y	EVS	400 - 1,750	45 - 45	56	Opt. stand; up-front controls.
Grizzly G1060	160	22	2	CA	N	N	—	1,720	0 - 30	61	Dust blower.
Lobo JS-0022	159	22	2	CA	Y	N	—	1,720	15 - 45	65	Dust blower.
Hegner Multimax 14e	599	14	2	PA	N	Y	—	1,700	45 - 0	30	6-yr. warranty.
Hegner Multimax 14v	949	14	2	PA	N	Y	EVS	400 - 1,700	45 - 0	35	2 stroke lengths.
PS Wood 14	599	14	2 1/4	PA	Y	Y	SP	3 (1,060, 1,575)	45 - 35	65	5-yr. warranty.
RBI Hawk 216 Ultra	899	16	2 1/4	PA	N	Y	EVS	300 - 1,725	45 - 45	79	Set tension by visual reference.
Delta Q3 40-650	600	18	2	CA	Y	Y	EVS	2 (300, 2,000)	9 - 45	90	Upper and lower Quick Set II blade holders.
Hegner Multimax 18s	899	18	2 1/4	PA	Y	Y	—	1,700	45 - 12	51	Quick-Lock tensioner.
Hegner Multimax 18v	1,099	18	2 1/4	PA	Y	Y	EVS	400 - 1,700	45 - 12	51	Quick-Lock tensioner.
Excalibur EX19NM	799	19	2	PL	Y	Y	SP	3 (400, 1,400)	45 - 30	55	Motor not incl.
Excalibur EX19SD	949	19	2	PL	Y	Y	SP	3 (400, 1,400)	45 - 30	65	Accessories incl; 1/2-HP motor.
Excalibur EX19VS	1,189	19	2	PL	Y	Y	EVS	60 - 1,500	45 - 30	65	Accessories incl.
Excalibur EX19VSXX	1,349	19	2	PL	Y	Y	EVS	0 - 1,500	45 - 30	75	Foot switch.
Delta 40-680	655	20	2	PA	Y	Y	SP	6 (400 - 2,000)	15 - 47	115	Wrench-free blade changing.
Hegner Polymax	2,399	20	2	PA	N	Y	SP	700 - 1,600	45 - 0	100	Built for industrial use.
RBI Hawk 220 Ultra	1,199	20	2 1/4	PA	Y	Y	EVS	300 - 1,725	45 - 45	93	0° positive stop table tilt.
RBI Hawk 220 Ultra Wheelchair Accessible	1,274	20	2 1/4	PA	Y	Y	EVS	300 - 1,725	45 - 45	93	Safety features for handicapped.
Shopsmith 555685	850	20	2	PA	Y	Y	EVS	500 - 1,450	45 - 45	85	16 x 32-in. table.
PS Wood 21	799	21	2 1/4	PA	Y	Y	SP	5 (170, 1,370)	45 - 35	85	5-yr. warranty.
Star S4700	675	21	2 1/4	PA	Y	OPT	SP	5 (170, 1,370)	45 - 35	50	
Hegner Multimax 22v	1,299	22	2 1/4	PA	Y	Y	EVS	400 - 1,700	45 - 12	66	6-yr. warranty.
Powermatic 95	1,965	24	1 1/4	FA	N	N	EVS	807 - 1,653	15 - 45	220	115/230V.
RBI Hawk 226 Ultra	1,399	26	2 1/4	PA	Y	Y	EVS	300 - 1,725	45 - 45	97	0° positive stop table tilt.
RBI Hawk 226 Ultra Wheelchair Accessible	1,474	26	2 1/4	PA	Y	Y	EVS	300 - 1,725	45 - 45	97	Safety features for handicapped.
Excalibur EX30VSXX	1,579	30	2	PL	Y	Y	EVS	0 - 1,500	45 - 30	70	Foot switch; accessories incl.

BENCHTOP

FLOOR



Dremel 1672



Ridgid SS1650



Ryobi SC165VS



Tradesman 8368



Delta 40-680 P-20

See page 5
for listing of manufacturers.



Easy to turn on. Hard to turn off.

When we designed our new scroll saw, we gave it the features you wanted most. (We know, because we asked you.)

We put the power switch and variable speed controls where they made sense, up top. We designed the table to tilt both ways, instead of just one way. And the table "clicks in" every 15 degrees to make bevel cutting easy and sure. Of course, we also included handy features like a tool-less blade change, an adjustable blower and an integrated light. And we put it all on a heavy cast-iron base for solid performance. All of which makes it one of the easiest scroll saws to have fun with, right out of the box. In fact, the only hard part is turning it off.



DREMEL
Tools for the Imagination
www.dremel.com

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Tablesaws



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The tablesaw is the superstar of stationary tools. It crosscuts, rips, cuts miters, bevels long edges and mills nearly every imaginable woodworking joint. When buying one, don't skimp on quality if you intend to do serious woodworking in the years ahead. Tablesaw size is the diameter of the largest blade usable in the saw. A 10-in. model is standard, but 8-in. benchtop saws are available.

3 Types of Tablesaws

Benchtop

Despite some drawbacks—limited rip capacity, a less powerful and noisier motor, a less accurate rip fence and miter gauge—a benchtop tablesaw is hard to beat for jobsite service or small-scale work in a small shop.



Contractor's

A contractor's saw is full size, usually 10 in., but sits on a detachable, more portable stand. It has either a cast-iron or a cast-aluminum saw table and bolt-on steel or cast-iron extensions. A 1- to 2-hp induction motor hangs out the back, bolted to a hinged mounting bracket. A single V-belt transfers power to the arbor. Today, more models are configured with premium fences like those found on cabinet saws.



Although much less expensive than a cabinet saw, a high quality contractor's saw meets most small-shop demands for accuracy and versatility.

Cabinet

The cabinet saw has an enclosed base which makes dust collection more effective, a powerful motor (usually 2, 3, or 5 hp) and a multiple V-belt drive. Massive cast-iron trunnion and arbor assemblies transmit power from motor to blade with minimal vibration. The rip fence and rails, miter gauge, handwheels and switch are all heavy duty.



Rip fence and miter gauge. The fence should lock square to the blade and slide easily on sturdy rails. The miter gauge should be sturdy and slide easily without play.

Features

Saw Table

A cast iron table is the best choice, but aluminum tables are also available. When shopping, use a straightedge to check the table for flatness, laying it first corner to corner, then front to back at several locations, and finally side to side. Extension wings increase your working surface and help support large workpieces.

Rip Fence and Rails

Look for a fence that slides smoothly, locks parallel to the blade, and readjusts easily if it goes out of square. The guide rails should be rigid and straight—the heavier the better.

Miter Gauge

The head of the miter gauge needs an accurate scale, and preset stops at 90° and 45° are handy. It should have holes for mounting a wood fence for increased crosscutting support. The bar should slide freely in the table slot without side play.

Motor

Pick the most powerful motor you can afford—preferably one with built-in overload protection. The induction motors that drive cabinet and contractor's saws have far more effective power than the universal motors that drive most benchtop saws, regardless of advertised hp. Induction motors rated at

The 10-in. saw is the most popular, but 12-in. and 14-in. models are also available. While the typical tablesaw tilts its blade to the right for bevel cuts, models with left-tilting blades are available.

2 hp or more must generally be run on 230-volt circuits, while 1½ hp motors run on 115-volt circuits.

Safety Features

A large, easy-to-reach Off switch is important. The blade guard should swing out of the way during blade changing. Because the guard must be removed for some woodworking operations, look for one that's easy to remove and reinstall.

Controls and Mechanisms

Handwheels, knobs and locking devices should be sturdy and operate easily. The blade should adjust up and down without any play in the hand wheel and there should be a lock to hold the blade setting. Degree scales should be easy to read and there should be adjustable stops at 45° and 90°. Make sure the arbor is long enough to accept a dado head.

Options/Accessories

OUTFEED SUPPORT. If your space is limited, invest in a portable outfeed stand. It can also serve as a side support when crosscutting long boards. \$50. Available from HTC; (800) 624-2027.



DADO-BLADE SET. A dado blade set makes cutting rabbets and grooves fast and easy. Multiple-blade, carbide-tipped sets are the best. \$179. Available from CMTTools; (800) 531-5559.

AFTERMARKET BLADE GUARDS. These are a big improvement over most standard guards. \$255. Available from Woodworker's Supply; (800) 645-9292.

SLIDING TABLES. Available for some saws, sliding crosscut tables greatly increase crosscutting ease and accuracy. \$350. Available from A&I Supply; (800) 260-2647.

TENONING JIG. You can use this jig to cut tenons, lap joints, bridle joints and spline joints. Less than \$100. Available from Tools on Sale; (800) 328-0457.

AFTERMARKET RIP FENCE. Unless your saw has a great fence already, this is probably the best accessory you can buy. A good fence will boost your accuracy and efficiency enormously. \$300. Available from Trend-lines; (800) 767-9999.

ZERO-CLEARANCE THROAT PLATE. This aftermarket accessory aids in making cleaner cuts. \$80. Available from Woodcraft Supply; (800) 225-1153.



WITH YOU EVERY 1/64" OF THE WAY.

Introducing the latest from DeWALT. We call it the DeWALT Woodworker's Table Saw. You'll call it the best saw you've ever used, because we designed it with woodworkers in mind.

Accurate, Dependable Fence We started from scratch to design the most accurate, dependable and easy-to-use fence in the industry. The DeWALT Precision Rip Fence delivers smooth action, solid locking and always travels parallel to the blade, making precise adjustments quickly and easily.

Crank Ergonomics We positioned the blade elevation crank with plenty of hand clearance to make blade-height adjustments quick and easy. Accurate blade-angle adjustments are also easy thanks to the large, adjustable bevel scale and the graduated bevel crank (each revolution equals a 2° adjustment).

Switch Ergonomics The large, easy-access on/off switch eliminates fumbling around when you're ready to start or stop cutting operations.

Powerful & Space Efficient The 1 3/4 hp TEFC Induction motor provides the power you need to cut the toughest hardwoods. And unlike other saws in the category, we put the motor in board and out of your way, making it easy to store against the wall when not in use.

Easy Dust Collection The DW746 is equipped with a dust collection port making it easy to connect your saw to your vacuum or dust collection system.

Sliding Table Accessory Option Unique, high-capacity/high-accuracy sliding table cross-cutting system delivers 30" of cross-cutting capacity at 90°, and makes large, angled cross-cuts quick and easy. When not in use, this unit stores away without leaving any cumbersome mounting hardware in your way. A solid ground, cast-iron table, industrial slides and a precision mitering guide delivers the quality and accuracy you demand.

Full Range of Accessories



1-800-4 DEWALT

www.dewalt.com



Tablesaws

KEY: Table Material: AL = aluminum, CI = cast iron, S = steel. Drive Type: B = belt, D = direct drive, NA = information not available, Y = yes, N = no, OPT = optional.
*Depends on fence option. **New models in red.**



Makita 2703



Pro-Tech 4106



Ryobi BT3000SX



Bridgewood TSC-10C



DeWalt DW746

See page 5
for listing of manufacturers.

BENCHTOP

CONTRACTOR'S

Brand & Model	List Price	Blade Dia. (in.)	Max Cutting D (in.)	Max. Rip Cpy. (in.)	Table W x D (in.)	Table Material	Drive Type	HP	Volts	Amps	Dust Coll. Port	Weight (lb.)	Comments & Features
Bosch 4000	\$500	10	3 1/4	24 1/2	29 x 21 1/2	AL	D	3 1/2	115	15	Y	60	Soft start; electric feedback.
Delta Sidekick 36-275	358	8 1/4	2 1/4	12	26 x 20	AL	D	NA	115	15	N	49	T-slot miter gauge groove.
Makita 2702	680	8 1/4	2 1/4	12	27 x 22	AL	D	2 1/2	115	15	Y	40	Rips 2x @ 45°.
Delta 36-540 Type 2	229	10	3	9 1/2	26 x 17 1/4	AL	D	NA	115	13	N	40	T-slot miter gauge groove.
DeWalt DW744	650	10	3 1/4	24 1/2	26 1/2 x 19 1/4	AL	D	2 1/2	115	13	Y	64	Telescoping fence.
Grizzly G5045	200	10	3	18	17 x 26	AL	D	1	115	13	N	60	
Hitachi C10RA2	322	10	3	15 1/2	34 x 19 1/2	AL	D	2 1/2	115	15	Y	56	T-slot miter gauge groove.
Makita 2703	720	10	3 1/4	12	27 x 22	AL	D	2 1/2	115	15	Y	40	Rips 4x @ 90°.
Pro-Tech 4106	179	10	2 1/2	9 1/2	26 x 16	AL	D	2 1/2	115	13	Y	38	Removable safety switch; carbide-tipped blade.
Ryobi BT3000SX	450	10	3 1/4	30	41 x 27	AL	B	2 1/2	115	15	Y	107	Sliding miter table; carbide blade; dual belt drive.
Skil 3400	358	10	3	12	26 1/2 x 17 1/2	AL	D	2 1/2	115	13	Y	36	Accu-align fence.
Skil 3400-10	361	10	3	12	26 1/2 x 17 1/2	AL	D	2 1/2	115	13	Y	36	Extension table incl.
Tradesman 8030B	139	10	3 1/4	9 1/2	26 x 17	AL	D	NA	115	13	Y	38	Cam-lock fence; carbide blade; T-slot; positive stops on miter.
Rigid TS2400	499	10	3 1/4	25	30 1/2 x 21	AL	D		120	15	Y	66	Expandable table; 40 x 21 precision fence.
Tradesman 8035B	189	10	3 1/4	9 1/2	26 x 17	AL	D	NA	115	13	Y	59	Cam-lock fence; carbide blade; T-slot; positive stops on miter.
Bridgewood TSC-10C	685	10	3 1/4	26	40 x 27	CI	B	1 1/2	115/230	16/8	N	287	Vega fence; USA motor; magnetic switch; cast-iron extension wings.
Craftsman 22831	500	10	3 1/4	24	44 x 27	CI/S	B	1 1/2	120	13	OPT	218	Align-A-Rip fence
Craftsman 22841	570	10	3 1/4	24	44 x 27	CI	B	1 1/2	120/240	13	OPT	236	Align-A-RIP fence; micro adjust fence; die cast hand wheels.
Craftsman 22851	800	10	3 1/4	30	44 x 27	CI	B	1 1/2	120/240	13	Y	265	Align-A-RIP fence; micro adjust fence; die-cast hand wheels; dust collection; storage clips.
Delta 36-444	852	10	3 1/4	25	40 x 27	CI	B	2	115/230	12.8/6.4	N	223	UNIRIP® fence.
Delta 36-445	1,072	10	3 1/4	25	36 x 27	CI	B	2	115/230	12.8/6.4	N	248	30-in. Unifence.
Delta 36-440	979	10	3 1/4	29	36 x 27	CI	B	2	115/230	12.8/6.4	N	245	29-in. Precision Saw Guide.
Delta 36-450	1,030	10	3 1/4	50	36 x 27	CI	B	2	115/230	12.8/6.4	N	265	50-in. Precision Saw Guide.
Delta 36-460	1,038	10	3 1/4	28	36 x 27	CI	B	2	115/230	12.8/6.4	N	267	28-in. Biesemeyer fence.
Delta 36-470	1,048	10	3 1/4	40	36 x 27	CI	B	1 1/2	115/230	12.8/6.4	N	275	40-in. Biesemeyer fence.
Delta 36-480	1,069	10	3 1/4	52	36 x 27	CI	B	1 1/2	115/230	12.8/6.4	N	286	52-in. Biesemeyer fence.
Delta 36-490	1,072	10	3 1/4	30	36 x 27	CI	B	1 1/2	115/230	12.8/6.4	N	286	30-in. Biesemeyer commercial fence.
Delta 36-600	499	10	3 1/4	27	38 1/2 x 22 1/2	CI	B	NA	115	15	N	145	T-square rip fence.
Delta 36-650	7,501	10	3 1/4	30	40 x 27	CI	B	1 1/2	115/230	12.8/6.4	N	234	30-in. fence.
DeWalt DW746	1,100	10	90° 3 1/4 45° 2 1/4	NA	27 x 41	NA	NA	NA	NA	15	NA	280	
General Int'l 50-175	815	10	3	28	40 x 27	CI	B	2	230	9	N	300	General T-fence; cast-iron wings.
General Int'l 50-175L	850	10	3	52	40 x 27	CI	B	2	230	9	OPT	320	General T-Fence. cast-iron wings.
General Int'l 50-185	1,060	10	3	28	40 x 27	CI	B	2	230	9	N	300	General T-fence; cast-iron wings.; left tilt.
General Int'l 50-185L	1,095	10	3	52	40 x 27	CI	B	2	230	9	OPT	320	General T-fence; cast-iron wings.; left tilt.

Tablesaws

KEY: Table Material: AL = aluminum, CI = cast iron, S = steel. Drive Type: B = belt, D = direct drive. NA = information not available. Y = yes, N = no. OPT = optional.
*Depends on fence option. **New models in red.**



Delta 36-490



Jet JWTS-10CWZ-PFX



Ridgid TS2424



Bridgewood BW-10HK

CONTRACTOR'S

CABINET

Brand & Model	List Price	Blade Dia. (in.)	Max Cutting D (in.)	Max. Rip Cpy. (in.)	Table W x D (in.)	Table Material	Drive Type	HP	Volts	Amps	Dust Coll. Port	Weight (lb.)	Comments & Features
Grizzly G1022	\$375	10	3 1/4	23	40 1/2 x 27 1/2	CI	B	1 1/2	115/230	16/8	OPT	250	Cast-iron ext. wing; 70-in. ext. tubes opt.
Grizzly G1022Z	449	10	3 1/4	23	40 1/2 x 27 1/2	CI	B	1 1/2	115/230	16/8	OPT	250	New-design fence.
Grizzly G1022ZF	600	10	3 1/4	25	40 1/2 x 27 1/2	CI	B	1 1/2	115/230	18/9	Y	285	Shop Fox fence and U.S. motor.
Grizzly G1022ZFX	700	10	3 1/4	25	40 1/2 x 27 1/2	CI	B	2	115	20/10	Y	290	Shop Fox fence and U.S. motor.
Jet JTS-10DD	499	10	3 1/4	27	38 1/2 x 22	CI/S	D	2	115	15	OPT	154	Precision T-style fence.
Jet JWTS-10CW2-PF	1,054	10	3 1/4	30	40 x 27	CI	B	1 1/2	115/230	18/9	Y	310	Incl. ext. wings.
Jet JWTS-10CW2-PFX	1,119	10	3 1/4	52	40 x 27	CI	B	1 1/2	115/230	18/9	Y	325	Incl. ext. wings & legs.
Jet JWTS-10JF	789	10	3 1/4	30	40 x 27	CI	B	1 1/2	115/230	18/9	Y	260	T-slot miter gauge groove.
Jet JWTS-10PFX	979	10	3 1/4	52	40 x 27	CI	B	1 1/2	115/230	18/9	Y	319	Xacta fence.
Lobo TS-0010	489	10	3 1/4	30	40 1/2 x 27	CI	B	1 1/2	115/230	20/10	OPT	255	Cast-iron ext. wings.
North State TSL-10L	485	10	3 1/4	26	27 x 40	CI	B	2	115/230	NA	N	NA	Biesemeyer, Vega, or Excalibur fence.
Powermatic 64A	1,026	10	3 1/4	30	40 x 27	CI	B	1 1/2	115/230	18/9	Y	320	Left tilt; cast-iron ext. wings.
Ridgid TS2412	469	10	3 1/4	24	44 x 27	CI	B	1 1/2	115	13	OPT	217	Kerf indicator; steel extensions.
Ridgid fence TS2424	649	10	3 1/4	24	44 x 27	CI	B	1 1/2	115/230	13/6.5	OPT	236	Mobile casters; micro-adjust cast-iron extension.
Star S3201	395	10	3 1/4	25	40 x 27	CI	B	1 1/2	115/230	16/8	Y	285	Fence micro-adjust; cast-iron ext. wing.
Star S3205	625	10	3 1/4	36	40 x 27	CI	B	2	115/230	24/12	Y	350	Fence micro-adjust; opt. sliding table.
Tradesman 8000T	449	10	3 1/4	24	40 1/2 x 27	CI	B	1 1/2	115/230	18/9	N	262	Caster set; cam-lock fence.
Transpower MS10	385	10	3	30	40 x 27	CI	B	2	115/230	24/12	N	255	
Belsaw MC-12CS-T	902	12	4 1/4	25	39 1/2 x 27	CI	B	2	115/230	20/10	N	260	New precision fence.
Lobo TS-0012	519	12	4 1/4	30	40 1/2 x 27	CI	B	2	115/230	24/12	OPT	260	Cast-iron ext. wings
Bridgewood BW-10HK	1,195	10	3	50	27 x 40	CI	B	3	230	18	Y	475	General T-50 fence.
Craftsman 22654	1,499	10	3	25	36 x 27	CI	B	2	230	9	Y	570	3/4-in. dado insert; key lock switch.
Delta 34-782	2,397	10	3 1/4	52	36 x 27	CI	B	3	230	NA	Y	428	52-in. Unifence.
Delta 34-782L	2,397	10	3 1/4	52	36 x 27	CI	B	3	230	NA	Y	428	Left-tilting blade.
Delta 34-783	2,397	10	3 1/4	52	36 x 27	CI	B	5	230/460	12.6/6.3	Y	447	52-in. Unifence.
Delta 36-820	2,209	10	3 1/4	52	36 x 27	CI	B	3	230	17	Y	435	52-in. Unifence.
Delta 36-820L	2,209	10	3 1/4	52	36 x 27	CI	B	3	230	12.4	Y	435	Left-tilting blade.
Delta 36-821	2,209	10	3 1/4	50	36 x 27	CI	B	3	230	12.4	Y	457	50-in. Biesemeyer commercial fence.
Delta 36-821L	2,209	10	3 1/4	50	36 x 27	CI	B	3	230	12.4	Y	457	Left-tilting blade.
Delta 36-830	2,109	10	3 1/4	30	36 x 27	CI	B	3	230	17	Y	419	30-in. Unifence
Delta 36-882	2,397	10	3 1/4	50	36 x 27	CI	B	3	230	NA	Y	450	50-in. Biesemeyer commercial fence.
Delta 36-882L	2,397	10	3 1/4	50	36 x 27	CI	B	3	230	NA	Y	450	Left-tilting blade.
General 350-1-M1	2,244	10	3 1/4	25	36 x 28	CI	B	3	230	12	OPT	415	Biesemeyer fence opt.
General S350-T50	1,995	10	3 1/4	50	28 x 72	CI, AL	B	3	230	12	Y	460	
General Int'l 50-200	1,220	10	3	28	27 x 40	CI	B	2	230	24	Y	360	General T-fence.
General Int'l 50-200L	1,260	10	3	52	27 x 40	CI	B	2	230	24	Y	360	General T-fence.
General Int'l 50-275	1,640	10	3	52	36 x 27	CI	B	3	230	12	Y	450	General T-fence.
General Int'l 50-500 Scoring Saw	4,150	12 & 5	4 1/4	50	42 x 38	CI	B	3 or 5	230	-	Y	1,000	2 motors; general T-fence.
Grizzly G1023	695	10	3 1/4	21 1/2	36 1/2 x 27	CI	B	3	230	18	OPT	425	2 table inserts; T-slot miter groove.

Continued on page 124

Tablesaws

KEY: Table Material: AL = aluminum, CI = cast iron, S = steel. Drive Type: B = belt, D = direct drive. NA = information not available. Y = yes, N = no. OPT = optional.
*Depends on fence option. **New models in red.**

Brand & Model	List Price	Blade Dia. (in.)	Max Cutting D (in.)	Max. Rip Cpy. (in.)	Table W x D (in.)	Table Material	Drive Type	HP	Volts	Amps	Dust Coll. Port	Weight (lb.)	Comments & Features
Grizzly G1023Z	\$1,095	10	3 1/4	25	36 1/2 x 27	CI	B	3	230	18	Y	425	Motor cover; Shop Fox fence.
Grizzly G1023ZX	1,195	10	3 1/4	25	36 1/2 x 27	CI	B	5	230	25	Y	425	Motor cover; Shop Fox fence.
Inca 290	3,495	10	3	60	27 x 31	AL	B	2 1/2	230	15	Y	145	
Jet JTAS-10X50-1	1,959	10	3 1/4	50	40 x 27	CI	B	3	230	17	Y	489	Motor cover; XACTA fence.
Jet JTAS-10X50-3	2,029	10	3 1/4	50	40 x 27	CI	B	5	230/460	15/7.5	Y	562	Motor cover; XACTA fence.
Jet JTAS-10XL50-1	1,959	10	3 1/4	50	40 x 27	CI	B	3	230	15/7.5	Y	562	Left-tilting blade; XACTA fence.
Jet JTAS-10XL50-3	2,029	10	3 1/4	50	40 x 27	CI	B	5	230/460	15/7.5	Y	562	Motor cover; XACTA fence.
Jet JTAS-10XL50-5/1	2,319	10	3 1/4	50	40 x 27	CI	B	5	230/460	15/7.5	Y	572	Motor cover; XACTA fence.
Jet JWCS-10JF	1,244	10	3 1/4	30	40 x 27	CI	B	2	230	12	Y	359	Rail-mounted switch.
Jet JWCS-10PF	1,534	10	3 1/4	52	40 x 27	CI	B	2	230	12	Y	400	Motor cover; XACTA fence.
Jet JWCS-10PFX	1,539	10	3 1/4	50	40 x 27	CI	B	2	230	15	Y	369	Motor cover; XACTA fence.
Lobo TS-1010	1,129	10	3	49	36 x 27	CI	B	3	115/230	36/18	Y	395	T-slot miter gauge groove.
Mini Max SC-2	2,995	10	3	51	22 x 33	CI	B	3 1/2	230	14	Y	616	Sliding table; over-arm guard.
North State MBS 250	1,150	10	3 1/4	50	36 x 27	CI	B	3	230	16	Y	450	Biesemeyer, Vega, or Excalibur fence.
North State TSC-10HK	995	10	3 1/4	50	40 1/2 x 27	CI	B	3	230	16	Y	450	Biesemeyer fence.
Powermatic 66	2,529	10	3 1/4	50	38 x 28	CI	B	3	230	17	Y	605	Accu-Fence.
Robland XZ	2,695	10	3 1/4	50	36 x 48	CI	B	3	230	25	Y	600	
Seco SK-1010TS	1,456	10	3	49	36 x 27	CI	B	3	230	NA	Y	495	1/2-in. arbor; opt. 5 HP, 4,200 rpm.
Star S3202	1,100	10	3 1/4	36	36 x 27	CI	B	3	230	15	Y	425	Sliding table; 56-in. fence opt.
Star S3204	1,300	10	3 1/4	36	36 x 27	CI	B	5	230	35	Y	450	Motor cover; 56-in. fence opt.
Transpower MBS-250	1,150	10	3	30	36 x 27	CI	B	3	230	18	Y	495	Fence has guide bearing.
Bridgewood BW-12CS	1,595	10 & 12	4	50	29 x 44	CI	B	3	230	18	Y	530	1/2-in. and 1-in. interchangeable arbors.
Craftsman 22652	1,999	12	4	39 1/4	48 x 30	CI	B	3	230	16	Y	648	1/2-in. & 1-in. dado in sert; key lock switch.
General Int'l 50-375	2,070	12	4	52	48 x 30	CI	B	3	230	12	Y	625	General T-fence.
Grizzly G5959	1,495	12	4	50	48 x 30	CI	B	5	230	27	Y	620	Dual arbors.
Inca 2200	3,395	12	4 1/4	50	22 x 26	CI	B	3	230	18	Y	400	
Lobo HTS-0012	929	12	4 1/4	30	27 x 37	CI	B	3	115/230	36/18	Y	450	1/2-in. arbor; scoring attachment opt.
Lobo TS-1212	1,890	12	4	49	48 x 30	CI	B	5	230	19.6	Y	704	T-slot miter; cast-iron ext. wings.
Lobo TS-1414	2,690	14	5	49	48 x 38	CI	B	5	230	15 - 21	Y	1,012	T-slot miter; cast-iron ext. wings.
Mini Max S1	9,695	12	4	59	22 x 34	CI	B	9	230	25	Y	1,575	Sliding table; over-arm guard.
Mini Max S300W	7,995	12	4	54	34 x 23	CI	B	7 1/2	230	24	Y	1,280	Sliding table; over-arm guard.
North State MBS-300	1,975	12	4	50	30 x 48	CI	B	5	230	NA	Y	750	Biesemeyer, Vega, or Excalibur fence.
Seco SK-1212TS	1,841	12	4	78	48 x 30	CI	B	5	230	25	Y	704	1-in. arbor; 4,000 rpm.
Star S3206	1,750	12	4	36	40 x 29	CI	B	5	230	35	Y	500	Motor cover; 56-in. fence opt.
Sunhill TAS-12	1,895	12	3 1/4	-	40 x 30	CI	B	3 or 5	230	17 or 14	Y	570	5 HP motor opt.
Sunhill TAS-16	3,350	12-16	4 to 6	-	48 x 38	CI	B	7.5	230	23	Y	1,150	
Transpower TSC-12HK	950	12	4	30	40 x 27	CI	B	3	230	18	Y	425	
General 550	3,895	14	4 1/4	50	48 x 38	CI	B	5	230	NA	Y	1,040	Magnetic starter.
General 550-1	5,250	14	4 1/4	30	48 x 38	CI	B	7 1/2	230	16	Y	1,040	Biesemeyer fence opt.
North State MBS-350	2,990	14	5	50	38 x 48	CI	B	5	230	NA	Y	1,075	Biesemeyer, Vega, or Excalibur fence.
Powermatic 72-A	4,512	14	5 1/4	50	38 x 48	CI	B	7 1/2	230	22	Y	930	Accu-Fence.
Seco SK-1414TS	2,920	14	5	48	48 x 38	CI	B	5	230	NA	Y	460	1-in. arbor; 3,750 rpm.

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~~\$119.99~~ **\$79.99**
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ITEM 37412-1KJA

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ITEM 37413-0KJA

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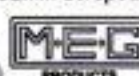
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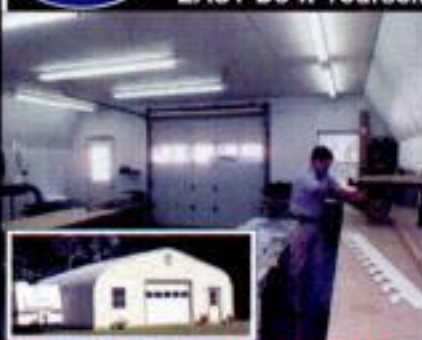
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